Before the FEDERAL COMMUNICATIONS COMMISSION Washington, D.C. 20554

In the Matter of)	
)	
Advanced Television Systems)	MB Docket 87-268
And Their Impact upon the Existing)	
Television Broadcast Service)	

TO: Office of the Secretary ATTN: The Commission

COMMENTS OF UNIVERSITY OF NEW HAMPSHIRE

University of New Hampshire (UNH), licensee of noncommercial educational television Station WENH-DT, Durham, New Hampshire, through its attorneys and pursuant to Section 1.415 of the rules, hereby files its Comments in response to the Commission's *Seventh Further Notice of Proposed Rule Making* (Notice) in the above-referenced proceeding proposing a new DTV Table of Allotments.

1. The Commission seeks comment on "whether the channel assignments in the proposed DTV Table will serve the Commission's goals of promoting overall spectrum efficiency and ensuring the best possible DTV service to the public." *Notice* at page 7, para. 16. As explained in the attached engineering exhibit, the proposed allotment for post-transition Station WENH-DT on Channel *11 would result in an extraordinary and totally needless reduction in service.

UNH operates Station WENH-TV, satellite television stations at Keene and Littleton, and two translator stations to provide public television service to the state under the name of New Hampshire Public Television. The proposed DTV allotment would severely threaten the financial underpinnings of this public service.

- 2. Analog and transitional digital facilities. Station WENH-TV is licensed to operate omnidirectionally on Channel *11 at 316 kW ERP with antenna radiation center at 301 meters AAT. UNH's transitional digital allotment is out-of-core Channel *57. That channel was allotted in the current DTV Table with facilities that would replicate analog coverage on Channel *11. However, it would have been financial folly for a broadcaster, and particularly a public television licensee, to spend the money to construct a 1,000 kW out-of-core facility with an extremely limited shelf life. The licensee instead applied for a DTV construction permit and eventually received a license for omnidirectional operation at 589 kW ERP with antenna radiation center at 216 meters AAT.
- 3. In its Pre-Election Certification on Form 381, UNH certified that it will operate its post-transition DTV station based on its allotted replication facilities. In the first selection round, UNH filed Form 382 and elected to return at the end of the transition to Channel *11 for permanent DTV operations. The intention throughout the process was to end up with digital coverage that replicated analog coverage on Channel *11, as the Commission had intended when first allotting Channel *57. When UNH filed Form 382, its counsel sent a "mailbox notification" to the Commission (copy attached) stating:

We are writing on behalf of the University of New Hampshire, licensee of noncommercial educational Station WENH-TV, Channel *11, Durham, New Hampshire and permittee of Station WENH-DT, Channel *57. The licensee on November 1st filed its Form 381 Pre-Election Certification, and it selected option (c), "replication". We hereby request that the election be evaluated for purposes of interference protection analysis based on the licensee's NTSC station population coverage on Channel 11, rather than on the coverage from its out-of-core DTV allotment.

Because the licensee obviously had no incentive to maximize coverage on an out-of-core channel that cannot be used post-transition, it should not be bound by the station population coverage derived from the allotted facilities on that channel. The licensee will seek to return to Channel *11 for its permanent DTV home, and it would be more appropriate if it could import its greater station population coverage from NTSC Channel *11 to the DTV operations that it will propose on that channel.

- 4. While the facilities permissible under the proposed DTV Table would fully replicate the temporary out-of-core channel coverage at lesser power, they would not come close to replicating analog coverage. The temporary Channel *57 operations were proposed in order to provide substantial transitional public service without the expense of constructing, operating, and eventually abandoning much more expensive temporary facilities. UNH and its audience should not be penalized for the decision not to use its limited funds to construct the largest possible temporary facility on an out-of-core channel.
- 5. The DTV Table facilities would result in substantial diminution of service. The proposed DTV Table provides for Station WENH-DT to operate directionally after the transition on digital Channel *11 with 8.27 kW ERP. As demonstrated in the engineering exhibit, such operations would result in a marked reduction in station coverage, depriving an estimated 669,213 people within the current analog service contour of over-the-air reception of the DTV station's programs. That would represent, conservatively, a net reduction of 14.9% in population coverage, including coverage of populations that provide substantial membership and underwriting funding of the operations of New Hampshire Public Television.

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6. In addition, the proposed DTV Table would force the licensee to

operate with a directional digital antenna that would obviously be far from the

best fit. As noted in the engineering exhibit, the antenna specified in the

proposed DTV Table orients the proposed pattern with the main beam toward the

ocean and protection towards the northwest where no interference would be

predicted. That exhibit demonstrates that a different directional antenna design

and orientation would maximize coverage while still protecting all other stations.

7. Requested relief. The proposed DTV Table should be revised to

specify 16 kW ERP for Station WENH-DT. That would comport with the licen-

see's intention and reasonable expectation that post-transition DTV operation

would be based on its NTSC service, considering that its transitional channel is

not suitable for permanent DTV operations. That revision to the DTV Table will

avoid an extraordinary and needless loss of service and advance the Commis-

sion's goals in this proceeding.

WHEREFORE, for the foregoing reasons, UNH respectfully requests that

the DTV Table be amended as proposed herein.

Respectfully submitted,

UNIVERSITY OF NEW HAMPWHIRE

Bv:

Lawrence M. Miller miller@swmlaw.com

SCHWARTZ, WOODS & MILLER Suite 610 1233 20th Street, N.W. Washington, D.C. 20036-7322

Its Attorneys January 25, 2007 From: Lawrence M. Miller

Sent: Friday, November 05, 2004 5:10 PM

To: 'form381@fcc.gov'

Cc: Peter Frid (pfrid@nhptv.org); Bill Bumpus; 'William T. Godfrey, Jr.'

Subject: Station WENH / Fac ID 69237 / FRN 0005018270

We are writing on behalf of the University of New Hampshire, licensee of noncommercial educational Station WENH-TV, Channel *11, Durham, New Hampshire and permittee of Station WENH-DT, Channel *57. The licensee on November 1st filed its Form 381 Pre-Election Certification, and it selected option (c), "replication". We hereby request that the election be evaluated for purposes of interference protection analysis based on the licensee's NTSC station population coverage on Channel 11, rather than on the coverage from its out-of-core DTV allotment.

Because the licensee obviously had no incentive to maximize coverage on an out-of-core channel that cannot be used post-transition, it should not be bound by the station population coverage derived from the allotted facilities on that channel. The licensee will seek to return to Channel *11 for its permanent DTV home, and it would be more appropriate if it could import its greater station population coverage from NTSC Channel *11 to the DTV operations that it will propose on that channel.

Best,

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ENGINEERING TECHNICAL STATEMENT PREPARED BY WILLIAM T. GODFREY, JR. OF THE **FIRM KESSLER AND GEHMAN** INC., ASSOCIATES, TELECOMMUNICATIONS CONSULTING ENGINEERS IN CONNECTION WITH THE SEVENTH FURTHER NOTICE OF PROPOSED RULE MAKING REGARDING THE PARAMETERS ASSIGNED IN THE PROPOSED DTV TABLE OF ALLOTMENTS FOR **OF** NEW HAMPSHIRE **POST-TRANSITION** THE UNIVERSITY TELEVISION BROADCAST FACILITY, WENH-DT CHANNEL *11, DURHAM, NH.

The firm Kessler and Gehman Associates, Inc. was retained by the University of New Hampshire (UNH), Durham, New Hampshire to review the WENH-DT Channel *11 post-transition facility's technical parameters assigned in the FCC's proposed DTV Table of Allotments (TOA) contained in the Seventh Further Notice of Proposed Rule Making (7th FNPRM) and to prepare comments for filing if detailed engineering studies reveal inaccuracies with respect to the proposed technical parameters.

Discussion

UNH is licensed to operate the WENH-TV Channel *11 analog facility with a maximum effective radiated power (ERP) of 316 kW with an antenna height radiation center of 301 meters above average terrain (AAT) using a non-directional antenna (BMLET-19960516KH). UNH is also licensed to operate the WENH-DT Channel *57 out-of-core facility with a maximum ERP of 589 kW with an antenna height radiation center of 216 meters AAT using a Dielectric model TUP-O4-6-1 non-directional antenna (BLEDT-20001109AAU).

Each DTV channel allotment was chosen by the FCC to best match the Grade B contour of the NTSC station with which it was paired. From the beginning, UNH's plan for WENH with respect to the post-transition digital facility was to operate with full "NTSC" replication facilities. Accordingly, UNH elected "replication" in its Pre-Election Certification application based on its NTSC coverage.

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The FCC released the 7th FNPRM on October 20, 2006 which included the proposed DTV Table of Allotments. In the 7th FNPRM, it states that interested parties may file comments on or before January 11, 2007 with respect to the proposed DTV Table and asks that licensees review the accuracy of their information contained in the proposed DTV Table, including comments on any inaccuracies or discrepancies. The FCC also stated in the 7th FNPRM that it believes that it's proposed new DTV Table is the result of informed decisions by licensees when making their channel elections and that licensees benefited from the clarity and transparency of the channel election process. However, the clarity of the Channel Election process is in doubt for UNH because it elected "replication" in its Pre-Election Certification Form and the technical parameters depicted in the proposed DTV TOA for the WENH-DT Channel *11 post-transition facility fall well short of NTSC replication.

UNH released digital Channel *57 because it is an out-of-core channel and elected to go back to its NTSC channel for post-transition operation and the FCC assigned it Channel *11 in the proposed DTV TOA. Referring to Exhibit 1, it can be seen that the proposed DTV TOA facility's protected F(50,90) 36.0 dBuV/m noise limited contour for the WENH-DT facility (red contour) would more than replicate the licensed digital facility's protected F(50,90) 42.5 dBuV/m noise limited contour (magenta contour), but that is because UNH could not fund the authorized 1,000 kW out-of-core facility and had no choice but to build a lower-power digital out-of-core station. It can also be seen that the proposed DTV TOA facility (red contour) would fall well short of replicating its licensed analog F(50,50) 56.0 dBuV/m Grade B contour (green dashed contour). The parameters assigned in the proposed DTV TOA for WENH-DT would result in an estimated minimum service population loss of 669,213 persons based on U.S. Census 2004 Estimation Data and this does not even take into consideration the additional losses of the population currently served outside the Grade B contour. This would be a 14.9% reduction to the population currently served by the licensed WENH-TV facility. It can be seen that a huge portion of the Boston coverage area that UNH depends so much on for funding would be eliminated. The proposed DTV TOA also assigns the WENH-DT Channel *11 post-transition facility a directional azimuth pattern even though the licensed NTSC and DTV facilities are both nondirectional. It's clear that WENH-DT Channel 11 should indeed be assigned a directional

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antenna so that it can protect WWLP-DT Channel *11 to the southwest. However, the FCC oriented the proposed pattern with the main beam toward the ocean and protection toward the northwest where no interference would be predicted.

The FCC informed UNH that it calculates post-transition DTV operation based on the NTSC ERP for stations electing to go back to NTSC channels. Therefore, the core of all decisions acted upon by UNH with respect to the DTV transition, which includes the Pre-Election Certification application and the Channel Election application, were entirely based on the certainty that the WENH post-transition DTV facility would carry-over the Grade B coverage that it is currently licensed to serve to the public. Referring to Exhibit 2, it can be seen that the F(50,90) 36.0 dBuV/m noise limited contour, representing the Final DTV TOA for the post-transition WENH-DT Channel *11 facility (red contour), would closely replicate the WENH-TV Channel *11 Grade B contour (green dashed contour) with a maximum ERP of 16 kW using a directional antenna with protection toward the WWLP-DT Channel 11 facility (blue contour). It can be seen that the F(50,90) 36.0 dBuV/m contour representing the Final DTV TOA facility (red contour) would not exceed the F(50,90) 36.0 dBuV/m contour representing the proposed DTV TOA facility (magenta contour) toward the WWLP-DT facility (blue contour). Therefore, it would not increase the percentage of interference to WWLP-DT.

Exhibits 3 and 4 depict the output of detailed Longley-Rice interference studies that were calculated using the FCC's digital television software using the same type Sun Sparc computer work stations in order to produce the exact same calculations to ensure that the 0.1% interference threshold for full-service TV/DTV/Class-A protection would not be exceeded. The population counts and interference calculations were calculated using U.S. Census 2000 data. Exhibit 3 depicts the interference percentage that the <u>proposed WENH-DT Channel *11 DTV TOA facility</u> would cause to the WWLP-DT station and Exhibit 4 depicts the interference percentage that the <u>Final WENH-DT Channel *11 DTV TOA facility</u> would cause to the WWLP-DT station. It can be seen that the interference from the <u>proposed WENH-DT Channel *11 DTV TOA facility</u> to the WWLP-DT facility and the interference from the <u>Final WENH-DT Channel *11 DTV TOA facility</u> to the WWLP-DT facility would be exactly the same. Therefore, UNH respectfully

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requests that the assigned ERP in the proposed DTV TOA be changed from 8.27 kW to 16 kW and the assigned antenna azimuth pattern be changed from directional pattern authorized by the FCC in the proposed DTV TOA to the directional pattern and orientation depicted in Exhibit 5 so that it can serve the population now served with its licensed analog facility as closely as possible with its post-transition facility without suffering a 14.9% loss in service population.

In conclusion, UNH requests that the ERP assigned to the WENH-DT Channel *11 post-transition facility in the proposed DTV TOA be changed to 16 kW and the assigned antenna azimuth pattern be changed to the directional pattern and orientation proposed in Exhibit 5 so that WENH will be able to serve as closely as possible, the population its NTSC facility currently serves. The 8.27 kW ERP assigned to WENH in the proposed DTV TOA would result in hundreds of thousands of viewers losing service which would not be in the public's best interest and could actually result in unfavorable reviews from the public with respect to digital television service.

Certification

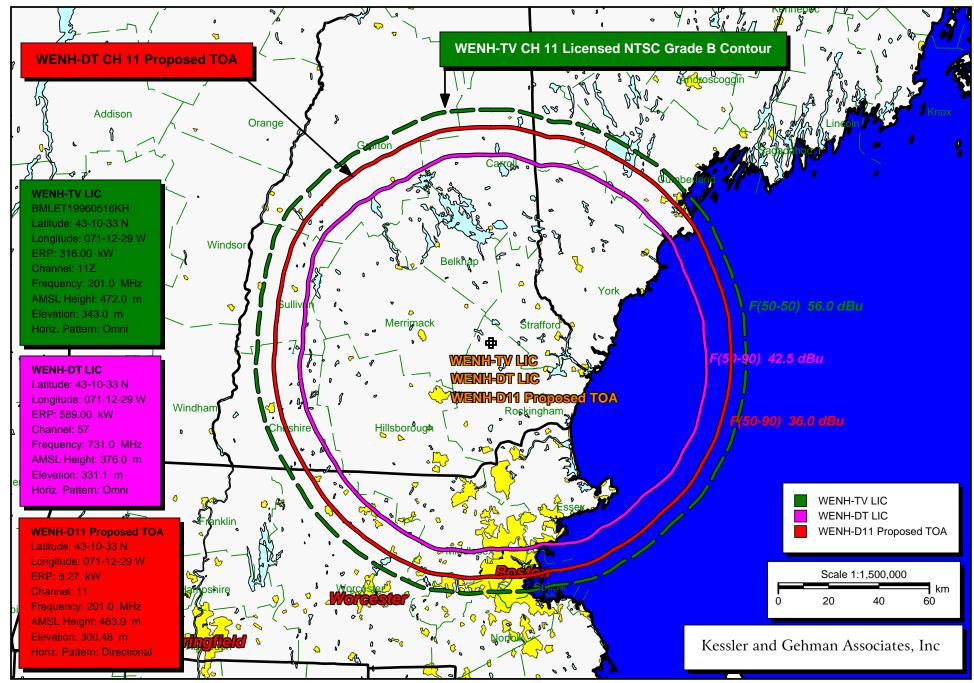
This technical statement was prepared by William T. Godfrey, Jr., Telecommunications Technical Consultant with Kessler and Gehman Associates, Inc. having offices in Gainesville, Florida and has been working in the field of radio and television broadcast consulting since 1998. He graduated from the University of North Florida with a Bachelor of Arts degree in Criminal Justice and a minor in Mathematics in 1993. As a Professional in the field of Telecommunications he states under penalty of perjury that the information contained in this report is true and correct to the best of his knowledge and belief.

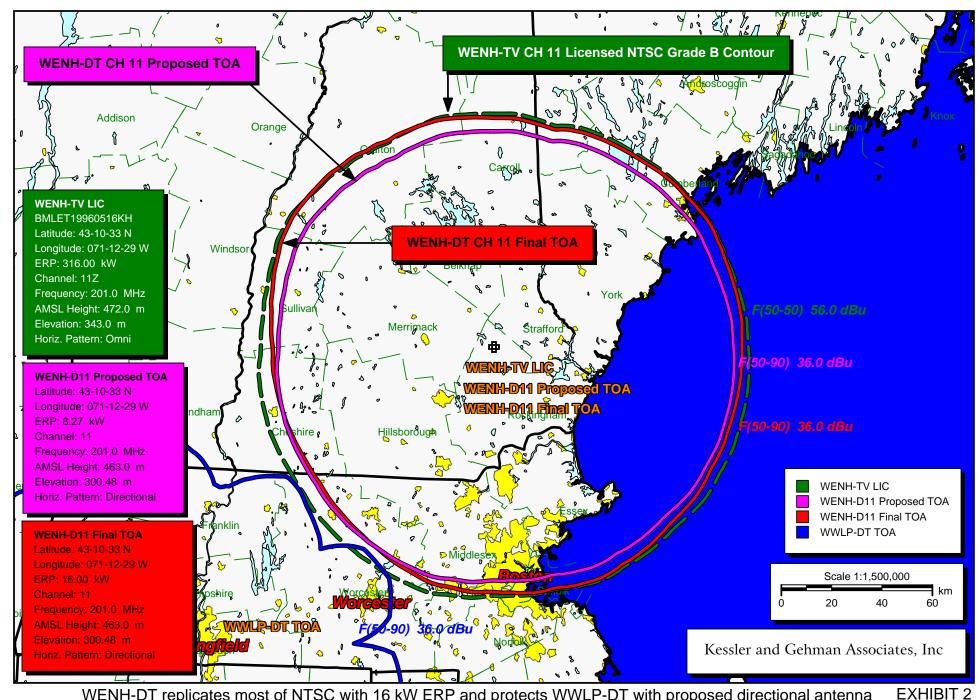
KESSLER AND GEHMAN ASSOCIATES, INC.

WILLIAM T. GODFREY, JR.

Telecommunications Technical Consultant

8 January, 2007





WENH-DT replicates most of NTSC with 16 kW ERP and protects WWLP-DT with proposed directional antenna

TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 12-28-2006 Time: 11:57:43

Record Selected for Analysis

WENH-D11 USERRECORD-01 DURHAM NH US

Channel 11 ERP 8.27 kW HAAT 305. m RCAMSL 00463 m

Latitude 043-10-33 Longitude 0071-12-29

Status APP Zone 1 Border

Dir Antenna Make usr Model USRPAT01 Beam tilt N Ref Azimuth 0.

Last update Cutoff date Docket

Comments Applicant

Cell Size for Service Analysis 2.0 km/side

Distance Increments for Longley-Rice Analysis 1.00 km

Facility meets maximum height/power limits

Azimuth	ERP	HAAT	36.0 dBu F(50,90)
(Deg)	(kW)	(m)	(km)
0.0	5.615	247.5	85.5
45.0	7.222	311.2	90.7
90.0	8.220	357.4	95.1
135.0	8.253	362.5	95.6
180.0	7.765	331.4	92.7
225.0	7.176	311.2	90.6
270.0	5.615	247.7	85.5
315.0	5.947	271.6	87.1

Evaluation toward Class A Stations

No Spacing violations or contour overlap to Class A stations

Class A Evaluation Complete

SPACING VIOLATION FOUND BETWEEN STATION

WENH-D11 11 DURHAM NH USERRECORD01

and station

SHORT TO: WWLP-DT 11 SPRINGFIELD MA DTVPLN DTVP0084

42-05-05 72-42-14

Req. separation 244.6 Actual separation 172.5 Short 72.1 km

SHORT TO: WWLP 11 SPRINGFIELD MA BLCDT 20060619AAS

042-05- 5 0072-42-14

Req. separation 244.6 Actual separation 172.5 Short 72.1 km

SHORT TO: WENH-TV 11 DURHAM NH BMLET 19960516KH

043-10-33 0071-12-29

Req. separation 244.6 Actual separation 0.0 Short 244.6 km

Proposed facility OK to FCC Monitoring Stations

Proposed facility OK toward West Virginia quite zone

Proposed facility OK toward Table Mountian

Proposed facility is within the Canadian coordination distance

Distance to border = 206.3km

Proposed facility is beyond the Mexican coordination distance

Proposed station is OK toward AM broadcast stations

Start of Interference Analysis

Proposed Station

Channel Call City/State ARN

11 WENH-D11 DURHAM NH USERRECORD01

Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	on Ref. No.
10	WWDP	NORWELL MA	130.2	APP	BPRM	-20060426AAW
10	WCBB	AUGUSTA ME	145.3	LIC	BMLET	-20020917AAU
10	WJAR	PROVIDENCE RI	145.8	LIC	BLCT	-2395
11	WWLP-DT	SPRINGFIELD MA	172.2	PLN	DTVPLN	-DTVP0084
11	WWLP	SPRINGFIELD MA	172.2	LIC	BLCDT	-20060619AAS
11	WPIX	NEW YORK NY	354.2	APP	BPCT	-20040212AAA
11	WPIX	NEW YORK NY	358.8	LIC	BLCT	-19810826KH
12	WTXX	WATERBURY CT	211.0	CP MOD	BMPCDT	-20040608ABI
12	WPRI-TV	PROVIDENCE RI	144.5	LIC	BLCT	-1750

Analysis of Interference to Affected Station 1

Analysis of current record

Call City/State Application Ref. No. WWDP NORWELL MA BPRM -2006042 Channel 10 BPRM -20060426AAW

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	on Ref. No.
09	WEDN	NORWICH CT	107.8	APP	BPRM	-20040109AEI
09	WMUR-TV	MANCHESTER NH	117.0	CP	BPCT	-20050218AAU
10	WTNH	NEW HAVEN CT	171.1	LIC	BLCDT	-20040701AEC
10	WTNH-DT	NEW HAVEN CT	171.1	PLN	DTVPLN	-DTVP0068
10	WCBB	AUGUSTA ME	252.6	LIC	BMLET	-20020917AAU
10	WTEN	ALBANY NY	252.5	LIC	BLCT	-1285
10	WCAU	PHILADELPHIA PA	413.9	LIC	BLCT	-20041119AEQ
10	WJAR	PROVIDENCE RI	25.8	LIC	BLCT	-2395
11	WWLP-DT	SPRINGFIELD MA	137.2	PLN	DTVPLN	-DTVP0084
11	WWLP	SPRINGFIELD MA	137.2	LIC	BLCDT	-20060619AAS
11	WENHTV	DURHAM NH	130.2	PLN	DTVPLN	-NPLN0728
11	WENH-D11	DURHAM NH	130.2	APP	USERRECORI	D-01

Total scenarios = 6

Result key: 1
Scenario 1 Affected station 1

Before Analysis

Results for: 10A MA NORWELL BPRM 20060426AAW APP

HAAT 144.0 m, ATV ERP 5.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	5715219	18419.1
not affected by terrain losses	5517543	17453.4
lost to NTSC IX	4703922	15237.7
lost to additional IX by ATV	3178	28.0
lost to ATV IX only	147461	1610.7
lost to all IX	4707100	15265.7

Potential Interfering Stations Included in above Scenario 1

9N	NH	MANCHESTER	BPCT	20050218AAU	CP
10N	ME	AUGUSTA	BMLET	20020917AAU	LIC
10N	NY	ALBANY	BLCT	1285	LIC
10N	RI	PROVIDENCE	BLCT	2395	LIC
10A	CT	NEW HAVEN	BLCDT	20040701AEC	LIC

After Analysis

Results for: 10A MA NORWELL BPRM 20060426AAW APP

HAAT 144.0 m, ATV ERP 5.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	5715219	18419.1
not affected by terrain losses	5517543	17453.4
lost to NTSC IX	4703922	15237.7
lost to additional IX by ATV	3178	28.0
lost to ATV IX only	147461	1610.7
lost to all IX	4707100	15265.7

Potential Interfering Stations Included in above Scenario 1

9N NH MANCHESTER 10N ME AUGUSTA 10N NY ALBANY 10N RI PROVIDENCE 10A CT NEW HAVEN 11A NH DURHAM *Percent Service lost with *Percent Service lost with Result key: 2 Scenario 2 Affected	BMLET BLCT BLCT BLCDT USERRECORD OUT Propose proposal:	200209172 1285 2395 200407012 D01 al: (AAU AEC 0.0	LIC LIC LIC LIC APP to BPRM	
Scenario 2 Affected Before Analysis	station	1			
Results for: 10A MA NORWELL HAAT 144.0 m, ATV ERP within Noise Limited Cont not affected by terrain 1 lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX	5.0 kW POPI tour 5 losses 5 4 ATV	ULATION 715219 517543 703922 602 96851 704524	AREA 18 15 15	A (sq km) 3419.1 7453.4 5237.7 20.0 1029.7 5257.7	АРР
Potential Interfering Stat: 9N NH MANCHESTER 10N ME AUGUSTA 10N NY ALBANY 10N RI PROVIDENCE 10A CT NEW HAVEN After Analysis	BPCT BMLET BLCT BLCT DTVPLN	200502182 200209172	AAU AAU	CP LIC	2
Results for: 10A MA NORWELL HAAT 144.0 m, ATV ERP within Noise Limited Cont not affected by terrain I lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX	5.0 kW POPI tour 5 losses 5 4 ATV	ULATION 715219	AREA 18 15	A (sq km) 3419.1	АРР
Potential Interfering State 9N NH MANCHESTER 10N ME AUGUSTA 10N NY ALBANY 10N RI PROVIDENCE 10A CT NEW HAVEN 11A NH DURHAM *Percent Service lost with *Percent Service lost with	BPCT BMLET BLCT BLCT DTVPLN USERRECOR	200502182 200209172 1285 2395 DTVP0068 D01 al:	AAU AAU	CP LIC LIC LIC PLN APP	2 20060426AAW 20060426AAW

Result key: 3
Scenario 3 Affected station 1

Before Analysis

BPRM 20060426AAW APP Results for: 10A MA NORWELL

HAAT 144.0 m, ATV ERP 5.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	5715219	18419.1
not affected by terrain losses	5517543	17453.4
lost to NTSC IX	4703922	15237.7
lost to additional IX by ATV	3178	28.0
lost to ATV IX only	147461	1610.7
lost to all IX	4707100	15265.7

Potential Interfering Stations Included in above Scenario 3

9N	NH	MANCHESTER	BPCT	20050218AAU	CP
10N	ME	AUGUSTA	BMLET	20020917AAU	LIC
10N	NY	ALBANY	BLCT	1285	LIC
10N	RI	PROVIDENCE	BLCT	2395	LIC
9A	CT	NORWICH	BPRM	20040109AEI	APP
10A	CT	NEW HAVEN	BLCDT	20040701AEC	LIC

After Analysis

ESUILS IOT: 10A MA NORWELL
HAAT 144.0 m, ATV ERP 5.0 kW Results for: 10A MA NORWELL BPRM 20060426AAW APP

	POPULATION	AREA (sq km)
within Noise Limited Contour	5715219	18419.1
not affected by terrain losses	5517543	17453.4
lost to NTSC IX	4703922	15237.7
lost to additional IX by ATV	3178	28.0
lost to ATV IX only	147461	1610.7
lost to all IX	4707100	15265.7

Potential Interfering Stations Included in above Scenario 3

9N	NH	MANCHESTER	BPCT	20050218AAU	CP
10N	ME	AUGUSTA	BMLET	20020917AAU	LIC
10N	NY	ALBANY	BLCT	1285	LIC
10N	RI	PROVIDENCE	BLCT	2395	LIC
9A	CT	NORWICH	BPRM	20040109AEI	APP
10A	CT	NEW HAVEN	BLCDT	20040701AEC	LIC
11A	NH	DURHAM	USERRECORI	001	APP

*Percent Service lost without proposal: 0.0 to BPRM 20060426AAW *Percent Service lost with proposal: 0.0 to BPRM 20060426AAW

Result key: 4
Scenario 4 Affected station 1

Before Analysis

HAAT 144.0 m, ATV ERP 5.0 kW Results for: 10A MA NORWELL

within Noise Limited Contour 5715219 18419.1 not affected by terrain losses 5517543 17453.4

```
      lost to NTSC IX
      4703922
      15237.7

      lost to additional IX by ATV
      602
      20.0

      lost to ATV IX only
      96851
      1029.7

      lost to all IX
      4704524
      15257.7

 Potential Interfering Stations Included in above Scenario 4
 9N NH MANCHESTER
                                        BPCT
                                                        20050218AAU CP
10N ME AUGUSTA BMLET 20020917AAU LIC
10N NY ALBANY BLCT 1285 LIC
10N RI PROVIDENCE BLCT 2395 LIC
9A CT NORWICH BPRM 20040109AEI APP
10A CT NEW HAVEN DTVPLN DTVP0068 PLN
After Analysis
                                                            BPRM 20060426AAW APP
Results for: 10A MA NORWELL
    HAAT 144.0 m, ATV ERP 5.0 kW
                                                POPULATION AREA (sq km)
    within Noise Limited Contour 5715219 18419.1
    not affected by terrain losses 5517543
                                                                         17453.4
    lost to NTSC IX 4703922
lost to additional IX by ATV 602
lost to ATV IX only 96851
                                                                        15237.7
                                                                            20.0
    lost to ATV IX only
                                                                          1029.7
    lost to all IX
                                                      4704524
                                                                          15257.7
 Potential Interfering Stations Included in above Scenario

        9N NH MANCHESTER
        BPCT
        20050218AAU
        CP

        10N ME AUGUSTA
        BMLET
        20020917AAU
        LIC

        10N NY ALBANY
        BLCT
        1285
        LIC

        10N RI PROVIDENCE
        BLCT
        2395
        LIC

        9A CT NORWICH
        BPRM
        20040109AEI
        APP

        10A CT NEW HAVEN
        DTVPLN
        DTVPD068
        PLN

        11A NH DURHAM
        USERRECORD01
        APP

 *Percent Service lost without proposal: 0.0 to BPRM
*Percent Service lost with proposal: 0.0 to BPRM
                                                                                                20060426AAW
                                                                                               20060426AAW
Result key:
Scenario 5 Affected station 1
Before Analysis
                                                            BPRM 20060426AAW APP
Results for: 10A MA NORWELL
    HAAT 144.0 m, ATV ERP 5.0 kW
                                               POPULATION AREA (sq km)
    within Noise Limited Contour 5715219 18419.1
    not affected by terrain losses 5517543
                                                                        17453.4
     lost to NTSC IX
                                     4703922
                                                                        15237.7
    lost to additional IX by ATV 3178
lost to ATV IX only 147461
                                                                            28.0
    lost to ATV IX only
                                                                           1610.7
                                                       4707100
    lost to all IX
                                                                          15265.7
 Potential Interfering Stations Included in above Scenario
                              BPCT
  9N NH MANCHESTER
                                                          20050218AAU CP
                                          BMLET
10N ME AUGUSTA
                                                          20020917AAU LIC
```

10N NY ALBANY	BLCT	1285	LIC	
10N RI PROVIDENCE			LIC	
10A CT NEW HAVEN	BLCDT	20040701AEC		
	_			
After Analysis				
Results for: 10A MA NORWELL		BPRM	20060426AAW	APP
HAAT 144.0 m, ATV ERP				
		PULATION ARE		
within Noise Limited Con				
not affected by terrain				
lost to NTSC IX		4703922 1		
lost to additional IX by	ATV	3178	28.0	
lost to ATV IX only		147461	28.0 1610.7	
lost to all IX		4707100 1	5265.7	
Potential Interfering Stat	iona Inal	uded in above	Sacnario	5
Potential interfering Stat	TOIIS THET	uded III above	SCEIIAI 10	5
9N NH MANCHESTER	BPCT	20050218AAU	CP	
10N ME AUGUSTA	BMLET	20020917AAU		
10N NY ALBANY	BLCT		LIC	
10N RI PROVIDENCE	BLCT		LIC	
10A CT NEW HAVEN	BLCDT	20040701AEC	LIC	
11A NH DURHAM	USERRECO:	RD01	APP	
*Percent Service lost with *Percent Service lost with	out propo	sal: 0.0	to BPRM	20060426AAW
*Percent Service lost with	proposal	: 0.0	to BPRM	20060426AAW
Result key: 6				
Scenario 6 Affected	station	1		
Before Analysis				
Results for: 10A MA NORWELL			20060426AAW	APP
HAAT 144.0 m, ATV ERP				
		PULATION ARE		
within Noise Limited Con	tour	5715219 1	8419.1	
not affected by terrain	losses			
lost to NTSC IX		4703922 1		
lost to additional IX by	ATV	602	20.0	
lost to ATV IX only		96851	1029.7	
lost to all IX		4704524 1	5257.7	
Potential Interfering Stat	ions Incl	uded in above	Scenario	6
9N NH MANCHESTER	BPCT	20050218AAU	CP	
10N ME AUGUSTA	BMLET	200302107AAU	LIC	
10N NY ALBANY	BLCT	1285	LIC	
10N RI PROVIDENCE	BLCT	2395	LIC	
10A CT NEW HAVEN	DTVPLN		PLN	
TOTI CI INEW INIVERS	DIVILIN	DIVIOUU	1 111	
After Analysis				
Results for: 10A MA NORWELL		BPRM	20060426AAW	APP
HAAT 144.0 m, ATV ERP				
, · · · 		PULATION ARE	A (sq km)	
within Noise Limited Con			8419.1	
not affected by terrain			7152 1	
not affected by terrain	ıosses	551/543 I	7453.4	

lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX	47039 ATV 6 968 47045	02 : 51 10:	37.7 20.0 29.7 57.7			
Potential Interfering Stat	ions Included	in above Sce	enario 6	5		
9N NH MANCHESTER 10N ME AUGUSTA 10N NY ALBANY 10N RI PROVIDENCE 10A CT NEW HAVEN 11A NH DURHAM *Percent Service lost with *Percent Service lost with	BMLET 200 BLCT 128 BLCT 239 DTVPLN DTV USERRECORD01 out proposal:	5 L: P0068 P1 A1	IC IC IC LN PP D BPRM	20060426AAW 20060426AAW		
############################	#############	#########	############	#######		
Analysis of Interference to Affected Station 2 NTSC Baseline Analysis Channel Call City/State Application Ref. No. 10 WCBB AUGUSTA ME DTVPLN -NPLN0653						
Stations Potentially A	ffecting This	Station				
Chan Call City/State 09 WMURTV MANCHESTER N 10 WTNH-DT NEW HAVEN CT 10 WMEMTV PRESQUE ISLE 10 WTEN ALBANY NY 10 WJAR PROVIDENCE R 11 WENHTV DURHAM NH	H ME I	t(km) Status 182.0 PLN 386.9 PLN 317.0 PLN 363.5 PLN 274.8 PLN 145.3 PLN	DTVPLN DTVPLN DTVPLN DTVPLN	-DTVP0068 -NPLN0654 -NPLN0671 -NPLN0679		
Results for: 10N ME AUGUSTA		DTVPLN NI	PLN0653	PLN		
within Noise Limited Con not affected by terrain lost to NTSC IX lost to additional IX by lost to all IX	tour 8631 losses 8141 383	33 2554 82 124 0	(sq km) 37.3 46.9 44.1 0.0 44.1			
Analysis of current record Channel Call 10 WCBB AUGUS	City/State TA ME	Applicat BMLET	tion Ref. No r -20020). 1917AAU		
Stations Potentially A	ffecting This	Station				
Chan Call City/State 09 WMEB-TV ORONO ME 09 WMEB-TV ORONO ME 09 WMUR-TV MANCHESTER N 10 WTNH NEW HAVEN CT 10 WTNH-DT NEW HAVEN CT	Н	t(km) Status 95.8 LIC 95.8 LIC 182.0 CP 386.9 LIC 386.9 PLN	S Applicati BLEDT BPRM BPCT BLCDT DTVPLN	on Ref. No20020508AAS -20000616AAA -20050218AAU -20040701AEC -DTVP0068		

10	WWDP	NORWELL MA	252.6	APP	BPRM	-20060426AAW
10	WMED-TV	CALAIS ME	233.8	LIC	BPRM	-20010626AAZ
10	WMED-TV	CALAIS ME	233.8	LIC	BLEDT	-20030307AAM
10	WMEM-TV	PRESQUE ISLE ME	317.0	LIC	BLET	-20010403ABJ
10	WTEN	ALBANY NY	363.5	LIC	BLCT	-1285
10	WJAR	PROVIDENCE RI	274.8	LIC	BLCT	-2395
11	WENH-TV	DURHAM NH	145.3	LIC	BMLET	-19960516КН
11	WENH-D11	DURHAM NH	145.3	APP	USERRECORI	0-01
Proposal causes no interference						

Analysis of Interference to Affected Station 3

NTSC Baseline Analysis

Channel Call City/State Application Ref. No.

10 WJAR PROVIDENCE RI DTVPLN -NPLN0679

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Applicat	ion Ref. No.
09	WMURTV	MANCHESTER NH	126.7	PLN	DTVPLN	-NPLN0612
10	WTNH-DT	NEW HAVEN CT	146.7	PLN	DTVPLN	-DTVP0068
10	WCBB	AUGUSTA ME	274.8	PLN	DTVPLN	-NPLN0653
10	WTEN	ALBANY NY	239.0	PLN	DTVPLN	-NPLN0671
10	WCAU	PHILADELPHIA PA	388.4	PLN	DTVPLN	-NPLN0678
11	WWLP-DT	SPRINGFIELD MA	119.6	PLN	DTVPLN	-DTVP0084
11	WENHTV	DURHAM NH	145.8	PLN	DTVPLN	-NPLN0728

Results for: 10N RI PROVIDENCE DTVPLN NPLN0679 PLN

	POPULATION	AREA (sq km)
within Noise Limited Contour	6704426	28882.5
not affected by terrain losses	6330843	27059.6
lost to NTSC IX	785220	3541.6
lost to additional IX by ATV	178448	3232.4
lost to all IX	963668	6773.9

Analysis of current record

Channel Call City/State Application Ref. No. 10 WJAR PROVIDENCE RI BLCT -2395

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	on Ref. No.
09	WEDN	NORWICH CT	82.5	APP	BPRM	-20040109AEI
09	WMUR-TV	MANCHESTER NH	126.8	CP	BPCT	-20050218AAU
10	WTNH	NEW HAVEN CT	146.7	LIC	BLCDT	-20040701AEC
10	WTNH-DT	NEW HAVEN CT	146.7	PLN	DTVPLN	-DTVP0068
10	WWDP	NORWELL MA	25.8	APP	BPRM	-20060426AAW
10	WCBB	AUGUSTA ME	274.8	LIC	BMLET	-20020917AAU
10	WTEN	ALBANY NY	239.0	LIC	BLCT	-1285
10	WCAU	PHILADELPHIA PA	388.5	LIC	BLCT	-20041119AEQ
11	WWLP-DT	SPRINGFIELD MA	119.6	PLN	DTVPLN	-DTVP0084
11	WWLP	SPRINGFIELD MA	119.6	LIC	BLCDT	-20060619AAS
11	WENH-TV	DURHAM NH	145.8	LIC	BMLET	-19960516КН

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11 WENH-D11 DURHAM NH 145.8 APP USERRECORD-01 Proposal causes no interference
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Analysis of Interference to Affected Station 4

DTV Baseline Analysis

Channel Call City/State Application Ref. No. WWLP-DT SPRINGFIELD MA DTVPLN -DTVP0084 11

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Applicat	ion Ref. No.
10	WTNH-DT	NEW HAVEN CT	76.4	PLN	DTVPLN	-DTVP0068
10	WTEN	ALBANY NY	122.8	PLN	DTVPLN	-NPLN0671
10	WJAR	PROVIDENCE RI	119.6	PLN	DTVPLN	-NPLN0679
11	WENHTV	DURHAM NH	172.2	PLN	DTVPLN	-NPLN0728
11	WPIX	NEW YORK NY	187.6	PLN	DTVPLN	-NPLN0731
11	WBRE-DT	WILKES-BARRE PA	281.2	PLN	DTVPLN	-DTVP0089
12	WTXX-DT	WATERBURY CT	68.2	PLN	DTVPLN	-DTVP0097
12	WPRITV	PROVIDENCE RI	119.7	PLN	DTVPLN	-NPLN0793

DTVPLN DTVP0084 PLN Results for: 11A MA SPRINGFIELD

HAAT 268.0 m, ATV ERP 3.2 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2913509	17561.9
not affected by terrain losses	2483771	14999.3
lost to NTSC IX	221298	1637.7
lost to additional IX by ATV	98662	216.2
lost to ATV IX only	218843	592.6
lost to all IX	319960	1853.9

NTSC Baseline Analysis

City/State Application Ref. No. Channel Call 22 WWLP SPRINGFIELD MA DTVPLN -NPLN1144

Stations Potentially Affecting This Station

Call	City/State	Dist(km)	Status	Application	on Ref. No.
WNYT-DT	ALBANY NY	108.7	PLN	DTVPLN	-DTVP0183
WMFP-DT	LAWRENCE MA	138.6	PLN	DTVPLN	-DTVP0307
WCDCTV	ADAMS MA	72.3	PLN	DTVPLN	-NPLN1045
WGBH-DT	BOSTON MA	123.3	PLN	DTVPLN	-DTVP0356
WTXX	WATERBURY CT	68.2	PLN	DTVPLN	-NPLN1070
WCVB-DT	BOSTON MA	123.3	PLN	DTVPLN	-DTVP0399
WNBU	CONCORD NH	166.6	PLN	DTVPLN	-NPLN1116
WLIW	GARDEN CITY NY	157.0	PLN	DTVPLN	-NPLN1120
WRNN-DT	KINGSTON NY	115.2	PLN	DTVPLN	-DTVP0450
WSBE-DT	PROVIDENCE RI	106.4	PLN	DTVPLN	-DTVP0455
WLWC-DT	NEW BEDFORD MA	150.8	PLN	DTVPLN	-DTVP0484
WNJS-DT	CAMDEN NJ	317.7	PLN	DTVPLN	-DTVP0496
WLIW-DT	GARDEN CITY NY	157.0	PLN	DTVPLN	-DTVP0499
WYOU	SCRANTON PA	281.8	PLN	DTVPLN	-NPLN1154
WVNY	BURLINGTON VT	271.7	PLN	DTVPLN	-NPLN1160
	WMFP-DT WCDCTV WGBH-DT WTXX WCVB-DT WNBU WLIW WRNN-DT WSBE-DT WLWC-DT WNJS-DT WLIW-DT WYOU	WNYT-DT ALBANY NY WMFP-DT LAWRENCE MA WCDCTV ADAMS MA WGBH-DT BOSTON MA WTXX WATERBURY CT WCVB-DT BOSTON MA WNBU CONCORD NH WLIW GARDEN CITY NY WRNN-DT KINGSTON NY WSBE-DT PROVIDENCE RI WLWC-DT NEW BEDFORD MA WNJS-DT CAMDEN NJ WLIW-DT GARDEN CITY NY WYOU SCRANTON PA	WNYT-DT ALBANY NY 108.7 WMFP-DT LAWRENCE MA 138.6 WCDCTV ADAMS MA 72.3 WGBH-DT BOSTON MA 123.3 WTXX WATERBURY CT 68.2 WCVB-DT BOSTON MA 123.3 WNBU CONCORD NH 166.6 WLIW GARDEN CITY NY 157.0 WRNN-DT KINGSTON NY 115.2 WSBE-DT PROVIDENCE RI 106.4 WLWC-DT NEW BEDFORD MA 150.8 WNJS-DT CAMDEN NJ 317.7 WLIW-DT GARDEN CITY NY 157.0 WYOU SCRANTON PA 281.8	WNYT-DT ALBANY NY 108.7 PLN WMFP-DT LAWRENCE MA 138.6 PLN WCDCTV ADAMS MA 72.3 PLN WGBH-DT BOSTON MA 123.3 PLN WTXX WATERBURY CT 68.2 PLN WCVB-DT BOSTON MA 123.3 PLN WNBU CONCORD NH 166.6 PLN WLIW GARDEN CITY NY 157.0 PLN WRNN-DT KINGSTON NY 115.2 PLN WSBE-DT PROVIDENCE RI 106.4 PLN WLWC-DT NEW BEDFORD MA 150.8 PLN WNJS-DT CAMDEN NJ 317.7 PLN WLIW-DT GARDEN CITY NY 157.0 PLN WYOU SCRANTON PA 281.8 PLN	WNYT-DT ALBANY NY WMFP-DT LAWRENCE MA 138.6 PLN DTVPLN WCDCTV ADAMS MA 72.3 PLN DTVPLN WGBH-DT BOSTON MA 123.3 PLN DTVPLN WTXX WATERBURY CT 68.2 PLN DTVPLN WCVB-DT BOSTON MA 123.3 PLN DTVPLN WNBU CONCORD NH WLIW GARDEN CITY NY WRNN-DT KINGSTON NY 157.0 PLN DTVPLN WRNN-DT KINGSTON NY 115.2 PLN DTVPLN WSBE-DT PROVIDENCE RI WLWC-DT NEW BEDFORD MA 150.8 PLN DTVPLN WNJS-DT CAMDEN NJ WLWOU SCRANTON PA 281.8 PLN DTVPLN

23	WHSH-DT	MARLBOROUGH MA	105.0	PLN	DTVPLN	-DTVP0527
23	VTAXXW	ALBANY NY	122.7	PLN	DTVPLN	-NPLN1184
23	WHSI-DT	SMITHTOWN NY	134.4	PLN	DTVPLN	-DTVP0537
24	WEDH	HARTFORD CT	35.5	PLN	DTVPLN	-NPLN1202
25	WFXT	BOSTON MA	124.7	PLN	DTVPLN	-NPLN1247
26	WTWS	NEW LONDON CT	85.1	PLN	DTVPLN	-NPLN1268
26	WTEN-DT	ALBANY NY	122.8	PLN	DTVPLN	-DTVP0647
29	WUNI-DT	WORCESTER MA	86.0	PLN	DTVPLN	-DTVP0746
30	WVIT	NEW BRITAIN CT	44.0	PLN	DTVPLN	-NPLN1377
30	WBZ-DT	BOSTON MA	123.3	PLN	DTVPLN	-DTVP0791
36	WCDC-DT	ADAMS MA	72.3	PLN	DTVPLN	-DTVP1018
36	WSBETV	PROVIDENCE RI	106.4	PLN	DTVPLN	-NPLN1528
Resul	ts for: 2	2N MA SPRINGFIELD	DTVPLN	N	PLN1144	PLN
			POPULATION	AREA	(sq km)	
	thin Maia	a Timitad Cantaun	2060272	160	12 2	

within Noise Limited Contour 2869372 not affected by terrain losses 2395095 16913.3 14002.3 lost to NTSC IX 283155 1657.7 lost to additional IX by ATV 83439 1069.1 366594 lost to all IX 2726.8

Analysis of current record

Channel Call City/State Application Ref. No. WWLP-DT SPRINGFIELD MA 11 DTVPLN -DTVP0084

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	on Ref. No.
10	WTNH	NEW HAVEN CT	76.4	LIC	BLCDT	-20040701AEC
10	WTNH-DT	NEW HAVEN CT	76.4	PLN	DTVPLN	-DTVP0068
10	WWDP	NORWELL MA	137.2	APP	BPRM	-20060426AAW
10	WTEN	ALBANY NY	122.8	LIC	BLCT	-1285
10	WJAR	PROVIDENCE RI	119.6	LIC	BLCT	-2395
11	WENHTV	DURHAM NH	172.2	PLN	DTVPLN	-NPLN0728
11	WPIX	NEW YORK NY	183.0	APP	BPCT	-20040212AAA
11	WPIX	NEW YORK NY	187.6	LIC	BLCT	-19810826KH
11	WBRE-DT	WILKES-BARRE PA	281.2	PLN	DTVPLN	-DTVP0089
11	WBRE-TV	WILKES-BARRE PA	281.8	LIC	BLCDT	-20051123AJX
12	WTXX-DT	WATERBURY CT	68.2	PLN	DTVPLN	-DTVP0097
12	WTXX	WATERBURY CT	43.7	CP MOD	BMPCDT	-20040608ABI
12	WNYT-DR	ALBANY NY	123.3	LIC	BPRM	-20000413AAC
12	WNYT	ALBANY NY	123.0	LIC	BLCDT	-20031022ABL
12	WPRI-TV	PROVIDENCE RI	119.7	LIC	BLCT	-1750
11	WENH-D11	DURHAM NH	172.2	APP	USERRECORI	0-01

Total scenarios = 32

Result key: 7
Scenario 1 Affected station

Before Analysis

Results for: 11A MA SPRINGFIELD DTVPLN DTVP0084 PLN

HAAT 268.0 m, ATV ERP 3.2 kW

POPULATION AREA (sq km) within Noise Limited Contour 2913509 17561.9 not affected by terrain losses 2483771 14999.3

lost to NTSC IX		123131	848.9	
lost to additional IX by	ATV	159847	408.4	
lost to additional IX by lost to ATV IX only		228073	688.7	
lost to all IX		282978	1257.3	
Potential Interfering Stat	ions Incl	uded in above	Scenario	1
11N NY NEW YORK	BLCT	19810826КН	LIC	
10A CT NEW HAVEN	BLCDT	20040701AEC	LIC	
11A PA WILKES-BARRE	DTVPLN	DTVP0089	PLN	
12A CT WATERBURY	DTVPLN	DTVP0097	PLN	
11A PA WILKES-BARRE 12A CT WATERBURY 12A NY ALBANY	BPRM	20000413AAC	LIC	
After Analysis				
meer marybib				
Results for: 11A MA SPRINGF			DTVP0084	PLN
HAAT 268.0 m, ATV ERP			,	
		PULATION ARI		
within Noise Limited Con	tour	2913509	17561.9	
not affected by terrain	losses	2483771	14999.3	
lost to NTSC IX		123131	848.9	
lost to additional IX by	ATV	189701	736.8	
lost to ATV IX only		289351	1273.3	
lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX		312832	1585.6	
Potential Interfering Stat	ions Incl	uded in above	Scenario	1
11N NY NEW YORK	BLCT	19810826КН		
10A CT NEW HAVEN	BLCDT	20040701AEC DTVP0089	LIC	
11A PA WILKES-BARRE	DTVPLN	DTVP0089	PLN	
12A CT WATERBURY 12A NY ALBANY	DTVPLN	DTVP0097	PLN	
12A NY ALBANY		20000413AAC		
11A NH DURHAM		RD01		
*Percent Service lost with				
*Percent Service lost with	proposal	: -0.3	to DTVPLN	DTVP0084
Result key: 8		4		
Scenario 2 Affected Before Analysis	station	4		
Belore Analysis				
Results for: 11A MA SPRINGF	IELD	DTVPLN	DTVP0084	PLN
HAAT 268.0 m, ATV ERP				
	PO	PULATION ARI	EA (sq km)	
within Noise Limited Con			17561.9	
not affected by terrain	losses	2483771	14999.3	
lost to NTSC IX		1 2 2 1 2 1	848.9	
lost to additional IX by	ATV	159888	848.9 384.4	
lost to ATV IX only		228114	664.7	
lost to all IX		283019	1233.3	
Potential Interfering Stat	ions Incl	uded in above	Scenario	2
			-	
11N NY NEW YORK	BLCT			
10A CT NEW HAVEN	BLCDT	20040701AEC	LIC	
11A PA WILKES-BARRE	DTVPLN	DTVP0089	PLN	
12A CT WATERBURY	DTVPLN	DTVP0097	PLN	

After Analysis Results for: 11A MA SPRINGFIELD DTVPLN DTVP0084 PLN HAAT 268.0 m, ATV ERP 3.2 kW POPULATION AREA (sq km) within Noise Limited Contour 2913509 17561.9 not affected by terrain losses 2483771 14999.3 lost to NTSC IX 123131 848.9 lost to additional IX by ATV 189742 712.7 lost to ATV IX only 289392 1249.3 lost to all IX 312873 1561.6 Potential Interfering Stations Included in above Scenario 2 11N NY NEW YORK BLCT 19810826KH LIC BLCDT 10A CT NEW HAVEN 20040701AEC LIC 11A PA WILKES-BARRE DTVPLN DTVP0089 PLN 12A CT WATERBURY DTVPLN DTVP0097 12A NY ALBANY BLCDT 20031022ABL LIC 11A NH DURHAM USERRECORD01 APP *Percent Service lost without proposal: -1.7 to DTVPLN DTVP0084
*Percent Service lost with proposal: -0.3 to DTVPLN DTVP0084 Result key: Scenario 3 Affected station 4 Before Analysis Results for: 11A MA SPRINGFIELD DTVPLN DTVP0084 PLN HAAT 268.0 m, ATV ERP 3.2 kW POPULATION AREA (sq km) within Noise Limited Contour 2913509 17561.9 not affected by terrain losses 2483771 14999.3 lost to NTSC IX 123131 848.9

lost to NTSC IX lost to additional IX by ATV 189737 504.5 lost to ATV IX only 261700 820.8 lost to all IX 312868 1353.4

Potential Interfering Stations Included in above Scenario

BLCT 19810826KH LIC 11N NY NEW YORK 10A CT NEW HAVEN BLCDT 20040701AEC LIC DTVPLN DTVP0089 PLN 11A PA WILKES-BARRE BMPCDT 20040608ABI CP 12A CT WATERBURY 12A NY ALBANY BPRM 20000413AAC LIC

After Analysis

Results for: 11A MA SPRINGFIELD DTVPLN DTVP0084 PLN

HAAT 268.0 m, ATV ERP 3.2 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2913509	17561.9
not affected by terrain losses	2483771	14999.3
lost to NTSC IX	123131	848.9
lost to additional IX by ATV	219591	836.9

lost to ATV IX only		321587	1393.4	
lost to all IX		342722		
				2
Potential Interfering Stat	ions Incl	luded in above	Scenario	3
11N NY NEW YORK	BLCT	19810826КН	LTC	
		20040701AEC		
11A PA WILKES-BARRE			PLN	
		20040608ABI		
12A NY ALBANY		20000413AAC		
11A NH DURHAM		ORD01		
*Percent Service lost with	out propo	nsal: -0 3	to DTVPLN	DTVP0084
*Percent Service lost with	proposa]	l: 1.1	to DTVPLN	DTVP0084
	rr			
Result key: 10				
Scenario 4 Affected	station	4		
Before Analysis				
Results for: 11A MA SPRINGF	רויםד	וע זמעזיים	N	PLN
HAAT 268.0 m, ATV ERP			D1VP0004	PLIN
111111 200.0 m, 111 v Biti		OPULATION AR	EA (sa km)	
within Noise Limited Con			17561.9	
not affected by terrain	losses	2483771	14999.3	
lost to NTSC IX			848.9	
lost to additional IX by	ATV	189778	480.5	
lost to ATV IX only		261741	796.8	
lost to all IX		312909	1329.4	
Potential Interfering Stat	ions Incl	luded in above	Scenario	4
11N NY NEW YORK	DT CITI	10010006	T T.O.	
11N NY NEW YORK	BLCT	19810826KH 20040701AEC		
10A CT NEW HAVEN 11A PA WILKES-BARRE	BLCDT	DTVP0089		
		20040608ABI		
12A CI WAIERBURI 12A NY ALBANY		20040006ABI 20031022ABL		
IZA NI ALBANI	БЦСЛІ	Z00310ZZABL	штс	
After Analysis				
Results for: 11A MA SPRINGF			DTVP0084	PLN
HAAT 268.0 m, ATV ERP				
			EA (sq km)	
within Noise Limited Con			17561.9	
not affected by terrain	losses		14999.3	
lost to NTSC IX	- 7 CD 7		848.9	
lost to additional IX by	A.I.A		812.8	
lost to ATV IX only			1369.4	
lost to all IX		342763	1661.7	
Potential Interfering Stat	ions Incl	luded in above	Scenario	4
11N NY NEW YORK	BLCT	19810826КН	LIC	
10A CT NEW HAVEN		20040701AEC		
11A PA WILKES-BARRE		DTVP0089	PLN	
12A CT WATERBURY		20040608ABI		
12A NY ALBANY		20031022ABL		
11A NH DURHAM	USERRECO		APP	
		-		

*Percent Service lost with *Percent Service lost with	out proposal proposal:	-0.3 1.1	to DTVPLN to DTVPLN	DTVP0084 DTVP0084
Result key: 11 Scenario 5 Affected Before Analysis	station	4		
Results for: 11A MA SPRINGF HAAT 268.0 m, ATV ERP		DTVPLN	DTVP0084	PLN
	POPUI	LATION ARE		
within Noise Limited Con not affected by terrain			L7561.9	
lost to NTSC IX	105565 240	23131	848.9	
lost to additional IX by	ATV 16	50934	456.5	
lost to ATV IX only	23	31748	784.8	
lost to all IX	28	34065	1305.3	
Potential Interfering Stat	ions Include	ed in above	Scenario	5
11n ny new york	BLCT 1	.9810826КН	LIC	
		20040701AEC	LIC	
11A PA WILKES-BARRE		20051123AJX		
12A CT WATERBURY	DTVPLN I	OTVP0097	PLN	
12A NY ALBANY	BPRM 2	20000413AAC	LIC	
After Analysis				
Results for: 11A MA SPRINGF HAAT 268.0 m, ATV ERP		DTVPLN	DTVP0084	PLN
			EA (sq km)	
within Noise Limited Con	tour 291		17561.9	
not affected by terrain lost to NTSC IX		33771 1 23131	14999.3 848.9	
lost to NISC IX			768.8	
lost to ATV IX only		2164		
lost to all IX	31	3399	1617.7	
Potential Interfering Stat	ions Include	ed in above	Scenario	5
11n ny new york	BLCT 1	9810826КН	T.T.C	
10A CT NEW HAVEN		20040701AEC		
	BLCDT 2	20051123AJX	LIC	
12A CT WATERBURY	DTVPLN I	TVP0097	PLN	
12A NY ALBANY	BPRM 2	20000413AAC	LIC	
11A NH DURHAM	USERRECORD(APP	
*Percent Service lost with			to DTVPLN to DTVPLN	
*Percent Service lost with	proposal.	-0.3	CO DIVPLN	DTVP0084
Result key: 12				
Scenario 6 Affected	station	4		
Before Analysis				
Results for: 11A MA SPRINGF	IELD	DTVPLN	DTVP0084	PLN
HAAT 268.0 m, ATV ERP				
	POPUI	LATION ARE	EA (sq km)	

11A PA WILKES-BARRE 12A CT WATERBURY	losses ATV ions Inc BLCT BLCDT BLCDT DTVPLN	2483771 123131 160803 231617 283934 luded in abo	14999.3 848.9 440.4 768.8 1289.3 EVE Scenario CH LIC LEC LIC JX LIC PLN	6
After Analysis				
Results for: 11A MA SPRINGF HAAT 268.0 m, ATV ERP within Noise Limited Con not affected by terrain lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX	3.2 kW P tour losses ATV	OPULATION 2913509	AREA (sq km) 17561.9	PLN
Potential Interfering Stat	ions Inc	luded in abo	ve Scenario	6
10A CT NEW HAVEN	BLCDT DTVPLN BLCDT USERREC	20040701A 20051123A DTVP0097 20031022A CORD01 cosal: -1	EC LIC JX LIC PLN BL LIC APP .7 to DTVPLN	DTVP0084 DTVP0084
Result key: 13 Scenario 7 Affected Before Analysis	station	. 4		
Results for: 11A MA SPRINGF HAAT 268.0 m, ATV ERP within Noise Limited Con not affected by terrain lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX	3.2 kW P tour losses	OPULATION 2913509		PLN
Potential Interfering Stat	ions Inc	luded in abo	ve Scenario	7
11N NY NEW YORK 10A CT NEW HAVEN	BLCT BLCDT	19810826K 20040701A		

11A PA WILKES-BARRE 12A CT WATERBURY 12A NY ALBANY	BMPCDT	20051123AJX 20040608ABI 20000413AAC	CP	
After Analysis				
Results for: 11A MA SPRINGF HAAT 268.0 m, ATV ERP		DTVPLN	DTVP0084	PLN
			A (sq km)	
within Noise Limited Con			7561.9	
not affected by terrain			.4999.3	
lost to NTSC IX		123131	848.9	
lost to additional IX by	VTA	220322	872.9	
lost to ATV IX only		324564	1461.5	
lost to all IX		343453	1721.8	
Potential Interfering Stat	ions Inclu	uded in above	Scenario	7
11N NY NEW YORK	BLCT	19810826КН	LIC	
10A CT NEW HAVEN	_			
11A PA WILKES-BARRE				
12A CT WATERBURY				
12A NY ALBANY	BDBM	20000413AAC	T.T.C	
11A NH DURHAM	USERRECOR	20000113AAC	APP	
*Dercent Service lost with	OBERRECOI	zal: _0 3	to DTVDIN	חמוזיים 184
*Percent Service lost with *Percent Service lost with	proposal:	: 1.1	to DTVPLN	DTVP0084
Result key: 14 Scenario 8 Affected	station	4		
Before Analysis	Deacton	-		
Results for: 11A MA SPRINGF HAAT 268.0 m, ATV ERP		DTVPLN	DTVP0084	PLN
	POI	PULATION ARE	CA (sq km)	
within Noise Limited Con	tour 2	2913509 1	.7561.9	
not affected by terrain			.4999.3	
lost to NTSC IX		123131		
lost to additional IX by			544.6	
lost to ATV IX only		265663	908.9	
lost to all IX		314243	1393.4	
Potential Interfering Stat	ions Inclu	uded in above	Scenario	8
11N NY NEW YORK	BLCT	19810826КН	LIC	
10A CT NEW HAVEN	BLCT			
11A PA WILKES-BARRE		20040701AEC 20051123AJX		
12A CT WATERBURY		20040608ABI		
12A NY ALBANY	BTCD.I.	20031022ABL	LIC	
After Analysis				
Results for: 11A MA SPRINGF	'IELD	DTVPLN	DTVP0084	PLN
HAAT 268.0 m, ATV ERP				
		PULATION ARE	CA (sq km)	
within Noise Limited Con	itour 2		7561.9	
not affected by terrain	losses 2	2483771 1	4999.3	

12A CT WATERBURY 12A NY ALBANY 11A NH DURHAM *Percent Service lost with	ions Incl BLCT BLCDT BLCDT BMPCDT BLCDT USERRECO	324433 343322 Luded in above 19810826KH 20040701AEC 20051123AJX 20040608ABI 20031022ABL ORD01 psal: -0.3	856.9 1445.5 1705.7 Scenario LIC LIC LIC CP LIC APP to DTVPLN	
*Percent Service lost with	proposal	: 1.1	to DTVPLN	DTVP0084
Result key: 15 Scenario 9 Affected Before Analysis	station	4		
Results for: 11A MA SPRINGF HAAT 268.0 m, ATV ERP		DTVPLN	DTVP0084	PLN
within Noise Limited Con not affected by terrain lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX	tour losses	2483771 123131 151206	17561.9 14999.3 848.9 380.4 652.7	
Potential Interfering Stat	ions Incl	uded in above	Scenario	9
11N NY NEW YORK 10A CT NEW HAVEN 11A PA WILKES-BARRE 12A CT WATERBURY 12A NY ALBANY	DTVPLN DTVPLN	DTVP0068 DTVP0089	PLN PLN PLN	
After Analysis				
Results for: 11A MA SPRINGF HAAT 268.0 m, ATV ERP within Noise Limited Con not affected by terrain lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX	3.2 kW PC tour losses	DPULATION AR 2913509 2483771 123131	DTVP0084 EA (sq km) 17561.9 14999.3 848.9 708.7 1237.3 1557.6	PLN
Potential Interfering Stat	ions Incl	uded in above	Scenario	9
11N NY NEW YORK 10A CT NEW HAVEN 11A PA WILKES-BARRE 12A CT WATERBURY	BLCT DTVPLN DTVPLN DTVPLN	DTVP0089	LIC PLN PLN PLN	

12A NY ALBANY BPRM 20000413AAC LIC 11A NH DURHAM

1A NH DURHAM USERRECORD01 APP

*Percent Service lost without proposal: -2.1 to DTVPLN DTVP0084

*Percent Service lost with proposal: -0.7 to DTVPLN DTVP0084

Result key: 16
Scenario 10 Affected station 4

Before Analysis

Results for: 11A MA SPRINGFIELD DTVPLN DTVP0084 PLN

HAAT 268.0 m, ATV ERP 3.2 kW

POPULATION AREA (sq km) within Noise Limited Contour 2913509 17561.9 not affected by terrain losses 2483771 14999.3 lost to NTSC IX 123131 lost to additional IX by ATV 151247 848.9 356.4 lost to ATV IX only 219223 628.6 lost to all IX 274378 1205.2

Potential Interfering Stations Included in above Scenario 10

11N NY NEW YORK BLCT 19810826KH LIC 10A CT NEW HAVEN DTVPLN DTVP0068 PLN
DTVPLN DTVP0089 PLN
DTVPLN DTVP0097 PLN 10A CT NEW HAVEN
11A PA WILKES-BARRE 12A CT WATERBURY 12A NY ALBANY BLCDT 20031022ABL LIC

After Analysis

Results for: 11A MA SPRINGFIELD DTVPLN DTVP0084 PLN

HAAT 268.0 m, ATV ERP 3.2 kW

POPULATION AREA (sq km) within Noise Limited Contour 2913509 17561.9 not affected by terrain losses 2483771 14999.3 lost to NTSC IX 123131
lost to additional IX by ATV 181101
lost to ATV IX only 280501 848.9 684.7 1213.2 lost to all IX 304232 1533.6

Potential Interfering Stations Included in above Scenario 10

BLCT 19810826KH LIC 11N NY NEW YORK 10A CT NEW HAVEN DTVPLN DTVP0089 PLN 11A PA WILKES-BARRE DTVPLN DTVP0097 PLN 12A CT WATERBURY 12A NY ALBANY BLCDT 20031022ABL LIC USERRECORD01 11A NH DURHAM APP

*Percent Service lost without proposal: -2.1 to DTVPLN DTVP0084
*Percent Service lost with proposal: -0.7 to DTVPLN DTVP0084

Result key: 17

Scenario 11 Affected station 4

Before Analysis

Results for: 11A MA SPRINGFIELD DTVPLN DTVP0084 PLN

HAAT 268.0 m, ATV ERP	3.2 kW			
·	PC	OPULATION A	REA (sq km)	
within Noise Limited Con	tour	2913509	17561.9	
within Noise Limited Connot affected by terrain	losses	2483771	14999.3	
LOSE EO N'ESC IX		173131	848.9	
lost to additional IX by	ATV	184956	476.5	
lost to ATV IX only		256691		
lost to all IX		308087	1325.4	
Potential Interfering Stat.	ions Incl	luded in abov	e Scenario	11
11N NY NEW YORK	BLCT	19810826КН		
10A CT NEW HAVEN	DTVPLN	DTVP0068	PLN	
11A PA WILKES-BARRE	DTVPLN	DTVP0068 DTVP0089	PLN	
12A CT WATERBURY	BMPCDT	20040608AB	I CP	
12A NY ALBANY	BPRM	20000413AA	C LIC	
After Analysis				
Results for: 11A MA SPRINGF: HAAT 268.0 m, ATV ERP		DTVPLN	DTVP0084	PLN
HAAI 200.0 III, AIV ERP		OPULATION A	REA (sa km)	
within Noise Limited Con			17561 9	
not affected by terrain	losses	2483771	14999.3	
lost to NTSC IX		123131	848.9	
lost to additional IX by				
lost to ATV IX only				
lost to all IX		338009		
Potential Interfering Stat	ions Incl	luded in abov	e Scenario	11
11N NY NEW YORK	BLCT	19810826КН	LIC	
		DTVP0068		
11A PA WILKES-BARRE				
12A CT WATERBURY				
12A NY ALBANY				
11A NH DURHAM		ORD01		
*Percent Service lost with				DTVP0084
*Percent Service lost with	proposal	L: 0.	8 to DTVPLN	DTVP0084
Result key: 18				
Scenario 12 Affected	station	4		
Before Analysis				
Describer from 112 M2 CDDINGD	T. D.		DET (D 0 0 0 4	D. M.
Results for: 11A MA SPRINGF: HAAT 268.0 m, ATV ERP	3.2 kW	DTVPLN DPULATION A	DTVP0084 REA (sq km)	$_{ m PLN}$
within Noise Limited Con		2913509	17561.9	
not affected by terrain		2483771	14999.3	
lost to NTSC IX		123131	848.9	
lost to additional IX by	ATV	184997	452.5	
lost to ATV IX only	•		760.8	
lost to all IX		308128		
Potential Interfering Stat	ions Incl	luded in abov	e Scenario	12

11n ny new york	BLCT	19810826КН	LIC	
10A CT NEW HAVEN	DTVPLN	DTVP0068	PLN	
11A PA WILKES-BARRE				
12A CT WATERBURY	BMPCDT	20040608ABI	CP	
12A NY ALBANY	BLCDT	20031022ABL	LIC	
After Analysis				
Results for: 11A MA SPRINGF	IELD	DTVPLN	DTVP0084	PLN
HAAT 268.0 m, ATV ERP	3.2 kW			
		OPULATION ARE	A (sq km)	
within Noise Limited Con			7561.9	
not affected by terrain	losses	2483771 1	4999.3	
lost to NTSC IX		123131	848.9	
lost to additional IX by	ATV	214919	788.8	
lost to ATV IX only		316875	1341.4	
not affected by terrain lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX		338050	1637.7	
Potential Interfering Stat				12
11N NY NEW YORK	BLCT	19810826КН		
10A CT NEW HAVEN	DTVPLN	DTVP0068 DTVP0089 20040608ABI	PLN	
11A PA WILKES-BARRE	DTVPLN	DTVP0089	PLN	
12A CT WATERBURY	BMPCDT	20040608ABI	CP	
	BLCDT			
11A NH DURHAM	USERRECO		APP	
*Percent Service lost with				
*Percent Service lost with	proposa.	L: 0.8	to DTVPLN	DTVP0084
Result key: 19				
Result key: 19 Scenario 13 Affected	station	4		
Before Analysis				
Results for: 11A MA SPRINGF	IELD	DTVPLN	DTVP0084	PLN
HAAT 268.0 m, ATV ERP				
	PC	OPULATION ARE	A (sq km)	
within Noise Limited Con	tour			
not affected by terrain	losses	2483771 1	4999.3	
lost to NTSC IX		123131	848.9	
lost to additional IX by	ATV		432.4	
lost to ATV IX only		222863	752.8	
lost to all IX		275430	1281.3	
Potential Interfering Stat	ions Incl	luded in above	Scenario	13
11N NY NEW YORK	BLCT	19810826КН	LIC	
10A CT NEW HAVEN	DTVPLN	DTVP0068		
11A PA WILKES-BARRE	BLCDT	20051123AJX	LIC	
	DTVPLN	DTVP0097		
12A NY ALBANY	BPRM	20000413AAC	LIC	
After Analysis				
Results for: 11A MA SPRINGF		DTVPLN	DTVP0084	PLN
HAAT 268.0 m, ATV ERP			- / - :	
	PO	OPULATION ARE	A (sq km)	

	losses ATV ions Incl BLCT DTVPLN BLCDT DTVPLN BPRM USERBECO	2483771 123131 181633 283279 304764 Luded in above 19810826KH DTVP0068 20051123AJX DTVP0097 20000413AAC	1593.6 Scenario LIC PLN LIC PLN LIC ADD	
*Percent Service lost with	proposal	L: -0.7	to DIVPLN	DTVP0084
Result key: 20 Scenario 14 Affected Before Analysis	station	4		
Results for: 11A MA SPRINGF	TELD	וו. זמעידת	DTVP0084	PLN
HAAT 268.0 m, ATV ERP		БІУГЫ	DIVIOUOI	1 111/
,		OPULATION AR	EA (sq km)	
within Noise Limited Con		2913509	17561.9	
not affected by terrain	losses	2483771	14999.3	
lost to NTSC IX			848.9	
lost to additional IX by	ATV	152168	416.4	
lost to ATV IX only			736.8	
lost to all IX		275299		
Potential Interfering Stat	ions Incl	luded in above	Scenario	14
11N NY NEW YORK	BLCT	19810826КН	LIC	
10A CT NEW HAVEN	DTVPLN		PLN	
11A PA WILKES-BARRE	BLCDT			
12A CT WATERBURY	DTVPLN		PLN	
12A NY ALBANY	BLCDT			
After Analysis				
Results for: 11A MA SPRINGF HAAT 268.0 m, ATV ERP	3.2 kW		DTVP0084	PLN
			EA (sq km)	
within Noise Limited Con			17561.9	
not affected by terrain	losses		14999.3	
lost to NTSC IX		123131	848.9	
lost to additional IX by	VTA	181502	728.7	
lost to ATV IX only		283148	1289.3	
lost to all IX		304633	1577.6	
Potential Interfering Stat	ions Incl	luded in above	Scenario	14
44		400		
11N NY NEW YORK	BLCT	19810826KH	LIC	
10A CT NEW HAVEN	DTVPLN	DTVP0068	PLN	

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11A PA WILKES-BARRE BLCDT 20051123AJX LIC

12A CT WATERBURY DTVPLN DTVP0097 PLN

12A NY ALBANY BLCDT 20031022ABL LIC

11A NH DURHAM USERRECORD01 APP

*Percent Service lost without proposal: -2.1 to DTVPLN DTVP0084

*Percent Service lost with proposal: -0.7 to DTVPLN DTVP0084
Result key: 21
Scenario 15 Affected station 4
Before Analysis
                                                         DTVPLN DTVP0084 PLN
Results for: 11A MA SPRINGFIELD
    HAAT 268.0 m, ATV ERP 3.2 kW
                                            POPULATION AREA (sq km)
    within Noise Limited Contour 2913509 17561.9 not affected by terrain losses 2483771 14999.3
    lost to NTSC IX 123131
lost to additional IX by ATV 186462
lost to ATV IX only
                                                                         848.9
                                                                             532.5
                                                     260785
309593
    lost to ATV IX only
                                                                            888.9
    lost to all IX
                                                                           1381.4
 Potential Interfering Stations Included in above Scenario 15

      11N NY NEW YORK
      BLCT
      19810826KH
      LIC

      10A CT NEW HAVEN
      DTVPLN
      DTVP0068
      PLN

      11A PA WILKES-BARRE
      BLCDT
      20051123AJX
      LIC

      12A CT WATERBURY
      BMPCDT
      20040608ABI
      CP

      12A NY ALBANY
      BPRM
      20000413AAC
      LIC

After Analysis
Results for: 11A MA SPRINGFIELD DTVPLN DTVP0084 PLN
    HAAT 268.0 m, ATV ERP 3.2 kW
                                               POPULATION AREA (sq km)
    within Noise Limited Contour 2913509 17561.9
    not affected by terrain losses 2483771 14999.3 lost to NTSC IX 123131 848.9 lost to additional IX by ATV 215609 848.9 lost to ATV IX only 319811 1433.5
    lost to ATV IX only
                                                                        1697.7
                                                        338740
    lost to all IX
 Potential Interfering Stations Included in above Scenario 15
                                       BLCT 19810826KH LIC
DTVPLN DTVP0068 PLN
BLCDT 20051123AJX LIC
BMPCDT 20040608ABI CP
11N NY NEW YORK
10A CT NEW HAVEN
11A PA WILKES-BARRE
12A CT WATERBURY
                                   BPRM 20000413AAC LIC
USERRECORD01 APP
12A NY ALBANY
11A NH DURHAM
 *Percent Service lost without proposal: -0.5 to DTVPLN DTVP0084
*Percent Service lost with proposal: 0.9 to DTVPLN DTVP0084
Result key:
Scenario 16 Affected station 4
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Before Analysis

Results for: 11A MA SPRINGF HAAT 268.0 m, ATV ERP		DTVPLN	DTVP0084	PLN
,		PULATION AR	EA (sq km)	
within Noise Limited Con	tour	2913509	17561.9	
not affected by terrain	losses	2483771	14999.3	
lost to NTSC IX		123131	848.9	
lost to NTSC IX lost to additional IX by lost to ATV IX only	ATV	186331	516.5	
		260654	872.9	
lost to all IX		309462	1365.4	
Potential Interfering Stat	ions Incl	uded in above	Scenario	16
11N NY NEW YORK	BLCT	19810826КН	LIC	
10A CT NEW HAVEN		DTVP0068		
11A PA WILKES-BARRE	BLCDT	20051123AJX	LIC	
12A CT WATERBURY	BMPCDT	20040608ABI	CP	
12A CT WATERBURY 12A NY ALBANY	BLCDT	20051123AJX 20040608ABI 20031022ABL	LIC	
After Analysis				
Results for: 11A MA SPRINGF	IELD	DTVPLN	DTVP0084	PLN
HAAT 268.0 m, ATV ERP				
	PO:	PULATION AR	EA (sq km)	
within Noise Limited Con	tour	2913509	17561.9	
not affected by terrain lost to NTSC IX	losses	2483771	14999.3	
lost to NTSC IX		123131	848.9	
lost to additional IX by	ATV	215478	832.8	
lost to ATV IX only		319680		
lost to all IX		338609	1681.7	
Potential Interfering Stat	ions Incl	uded in above	Scenario	16
11N NY NEW YORK	BLCT	19810826КН	T.T.C	
10A CT NEW HAVEN	DTVPLN	DTVP0068	PLN	
11A PA WILKES-BARRE	BLCDT	DTVP0068 20051123AJX	LIC	
12A CT WATERBURY	BMPCDT	20040608ABI	CP	
11A NH DURHAM	USERRECO	20031022ABL RD01	APP	
*Percent Service lost with	out propo	sal: -0.5	to DTVPLN	DTVP0084
*Percent Service lost with	proposal	: 0.9	to DTVPLN	DTVP0084
Result key: 23 Scenario 17 Affected	gtation	4		
Before Analysis	SCACTOII	7		
Results for: 11A MA SPRINGF HAAT 268.0 m, ATV ERP	3.2 kW			PLN
within Maine Timited C			EA (sq km)	
within Noise Limited Con			17561.9	
not affected by terrain	ıosses		14999.3	
lost to NTSC IX	3 1777 7	134302	989.0	
lost to additional IX by	A.T.A	158282	380.4	
lost to ATV IX only		228073	688.7	
lost to all IX		292584	1369.4	

Potential Interfering State	ions Incl	uded in above	Scenario	17
11N NY NEW YORK	BPCT	20040212AAA	APP	
		20040701AEC		
11A PA WILKES-BARRE	DTVPLN	DTVP0089	PLN	
12A CT WATERBURY	DTVPLN	DTVP0097	PLN	
12A CT WATERBURY 12A NY ALBANY	BPRM	DTVP0089 DTVP0097 20000413AAC	LIC	
After Analysis				
D 1 5 . 112 W2 CDDTTGD		DELLET	DET ID 0 0 0 4	D. 1.1
Results for: 11A MA SPRINGF: HAAT 268.0 m, ATV ERP	3.2 kW			PLN
thin Noise Timited Con	PO:	PULATION ARE		
within Noise Limited Con-	tour	2913509 J	7561.9	
not affected by terrain	losses	2483//1 J	.4999.3	
lost to NTSC IX lost to additional IX by	7 TT 7	134302	909.U 676.7	
lost to additional ix by	AIV	289351	1272 2	
lost to ATV IX only lost to all IX			1665.7	
TOSC CO ATT IX		314003	1005.7	
Potential Interfering State	ions Incl	uded in above	Scenario	17
11N NY NEW YORK	BPCT	20040212AAA	APP	
10A CT NEW HAVEN	BLCDT	20040701AEC	LIC	
11A PA WILKES-BARRE	DTVPLN	20040701AEC DTVP0089	PLN	
12A CT WATERBURY	DTVPLN	DTVP0097	PLN	
12A NY ALBANY	BPRM	20000413AAC	LIC	
11A NH DURHAM		RD01		
*Percent Service lost with				
*Percent Service lost with	proposal	: -0.2	to DTVPLN	DTVP0084
Pagult kay: 24				
Result key: 24 Scenario 18 Affected	station	4		
Before Analysis	Beacion	-		
Results for: 11A MA SPRINGF	IELD	DTVPLN	DTVP0084	PLN
HAAT 268.0 m, ATV ERP	3.2 kW			
		PULATION ARE	_	
within Noise Limited Con			7561.9	
not affected by terrain	losses		4999.3	
lost to NTSC IX		134302	989.0	
lost to additional IX by	ATV	158323	356.4	
lost to ATV IX only			664.7	
lost to all IX		292625	1345.4	
Potential Interfering Stat	: T1	uded in above	Scenario	18
	ions inci	adea iii above		
11N NV NEW VORK			7 DD	
11N NY NEW YORK 10A CT NEW HAVEN	BPCT	20040212AAA		
10A CT NEW HAVEN	BPCT BLCDT	20040212AAA 20040701AEC	LIC	
10A CT NEW HAVEN 11A PA WILKES-BARRE	BPCT BLCDT DTVPLN	20040212AAA 20040701AEC DTVP0089	LIC PLN	
10a CT NEW HAVEN 11a PA WILKES-BARRE 12a CT WATERBURY	BPCT BLCDT DTVPLN DTVPLN	20040212AAA 20040701AEC DTVP0089 DTVP0097	LIC PLN PLN	
10A CT NEW HAVEN 11A PA WILKES-BARRE	BPCT BLCDT DTVPLN	20040212AAA 20040701AEC DTVP0089 DTVP0097	LIC PLN PLN	
10a CT NEW HAVEN 11a PA WILKES-BARRE 12a CT WATERBURY	BPCT BLCDT DTVPLN DTVPLN	20040212AAA 20040701AEC DTVP0089 DTVP0097	LIC PLN PLN	

not affected by terrain l	POPULATION AREA (sq. our 2913509 17561.9 osses 2483771 14999.3 134302 989.0 ATV 180422 652.7) 3) 7 3
Potential Interfering Stati	ons Included in above Scenar	rio 18
10A CT NEW HAVEN 11A PA WILKES-BARRE 12A CT WATERBURY 12A NY ALBANY 11A NH DURHAM	BPCT 20040212AAA APP BLCDT 20040701AEC LIC DTVPLN DTVP0089 PLN DTVPLN DTVP0097 PLN BLCDT 20031022ABL LIC USERRECORD01 APP	
	out proposal: -1.3 to DT proposal: -0.2 to DT	
Result key: 25 Scenario 19 Affected Before Analysis	station 4	
Results for: 11A MA SPRINGFI HAAT 268.0 m, ATV ERP within Noise Limited Cont not affected by terrain I lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX	3.2 kW POPULATION AREA (sq. our 2913509 17561.9 0sses 2483771 14999.3 134302 989.0 ATV 188636 484.5	km) 3 0 5 3
Potential Interfering Stati	ons Included in above Scenar	rio 19
11N NY NEW YORK 10A CT NEW HAVEN 11A PA WILKES-BARRE 12A CT WATERBURY 12A NY ALBANY	BPCT 20040212AAA APP BLCDT 20040701AEC LIC DTVPLN DTVP0089 PLN BMPCDT 20040608ABI CP BPRM 20000413AAC LIC	
After Analysis		
Results for: 11A MA SPRINGFI HAAT 268.0 m, ATV ERP within Noise Limited Cont not affected by terrain I lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX	3.2 kW POPULATION AREA (sq. our 2913509 17561.9 osses 2483771 14999.3 134302 989.0	km) 3 3 4

Potential Interfering Stations Included in above Scenario

26 EXHIBIT 3

19

```
      11N NY NEW YORK
      BPCT
      20040212AAA
      APP

      10A CT NEW HAVEN
      BLCDT
      20040701AEC
      LIC

      11A PA WILKES-BARRE
      DTVPLN
      DTVP0089
      PLN

      12A CT WATERBURY
      BMPCDT
      20040608ABI
      CP

      12A NY ALBANY
      BPRM
      20000413AAC
      LIC

      11A NH DURHAM
      USERRECORD01
      APP

 *Percent Service lost without proposal: 0.1 to DTVPLN DTVP0084
*Percent Service lost with proposal: 1.1 to DTVPLN DTVP0084
                             26
Result key:
Scenario 20 Affected station 4
Before Analysis
                                                                DTVPLN DTVP0084 PLN
Results for: 11A MA SPRINGFIELD
     HAAT 268.0 m, ATV ERP 3.2 kW
     within Noise Limited Contour 2913509 17561.9
     not affected by terrain losses 2483771
                                                                                  14999.3
     lost to NTSC IX 134302
lost to additional IX by ATV 188677
lost to ATV IX only 261741
lost to all IX 322979
                                                                                     989.0
                                                                                       460.5
                                                                                      796.8
                                                                                     1449.5
 Potential Interfering Stations Included in above Scenario
                                                                                                           2.0

        BPCT
        20040212AAA
        APP

        BLCDT
        20040701AEC
        LIC

        DTVPLN
        DTVP0089
        PLN

        BMPCDT
        20040608ABI
        CP

        BLCDT
        20031022ABL
        LIC

11N NY NEW YORK
                                             BPCT
                                                               20040212AAA APP
10A CT NEW HAVEN
11A PA WILKES-BARRE
12A CT WATERBURY
12A NY ALBANY
After Analysis
Results for: 11A MA SPRINGFIELD
                                                                    DTVPLN DTVP0084
                                                                                                            PLN
     HAAT 268.0 m, ATV ERP 3.2 kW
                                                        POPULATION AREA (sq km)
    within Noise Limited Contour 2913509 17561.9 not affected by terrain losses 2483771 14999.3 lost to NTSC IX 134302 989.0 lost to additional IX by ATV 210527 752.8 lost to ATV IX only 321628 1369.4
                                                              321628 1369.4
344829 1741.8
     lost to ATV IX only
     lost to all IX
 Potential Interfering Stations Included in above Scenario 20
11N NY NEW YORK
                                              BPCT
                                                                20040212AAA APP
                          N BLCDT 20040701AEC LIC
ARRE DTVPLN DTVP0089 PLN
Y BMPCDT 20040608ABI CP
BLCDT 20031022ABL LIC
USERRECORD01 APP
10A CT NEW HAVEN
11A PA WILKES-BARRE
12A CT WATERBURY
12A NY ALBANY
11A NH DURHAM
 *Percent Service lost without proposal: 0.1 to DTVPLN DTVP0084
*Percent Service lost with proposal: 1.1 to DTVPLN DTVP0084
```

Result key: 27

Scenario 21 Affected station 4

Before Analysis

Results for: 11A MA SPRINGFIELD DTVPLN DTVP0084 PLN

HAAT 268.0 m, ATV ERP 3.2 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2913509	17561.9
not affected by terrain losses	2483771	14999.3
lost to NTSC IX	134302	989.0
lost to additional IX by ATV	158707	404.4
lost to ATV IX only	231748	784.8
lost to all IX	293009	1393.4

Potential Interfering Stations Included in above Scenario 21

11N NY NEW YORK	BPCT	20040212AAA	APP
10A CT NEW HAVEN	BLCDT	20040701AEC	LIC
11A PA WILKES-BARRE	BLCDT	20051123AJX	LIC
12A CT WATERBURY	DTVPLN	DTVP0097	PLN
12A NY ALBANY	BPRM	20000413AAC	LIC

After Analysis

Results for: 11A MA SPRINGFIELD DTVPLN DTVP0084 PLN HAAT 268.0 m, ATV ERP 3.2 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2913509	17561.9
not affected by terrain losses	2483771	14999.3
lost to NTSC IX	134302	989.0
lost to additional IX by ATV	180776	692.7
lost to ATV IX only	292164	1337.4
lost to all IX	315078	1681.7

Potential Interfering Stations Included in above Scenario 21

11N	NY	NEW YORK	BPCT	20040212AAA	APP
10A	CT	NEW HAVEN	BLCDT	20040701AEC	LIC
11A	PA	WILKES-BARRE	BLCDT	20051123AJX	LIC
12A	CT	WATERBURY	DTVPLN	DTVP0097	PLN
12A	NY	ALBANY	BPRM	20000413AAC	LIC
11A	NH	DURHAM	USERRECORI	001	APP

11A NH DURHAM USERRECORD01 APP

*Percent Service lost without proposal: -1.2 to DTVPLN DTVP0084

*Percent Service lost with proposal: -0.2 to DTVPLN DTVP0084

Result key: 28
Scenario 22 Affected station 4

Before Analysis

Results for: 11A MA SPRINGFIELD DTVPLN DTVP0084 PLN HAAT 268.0 m, ATV ERP 3.2 kW

POPULATION AREA (sq km) within Noise Limited Contour 2913509 17561.9 not affected by terrain losses 2483771 14999.3 lost to NTSC IX 134302 989.0 lost to NTSC IX

lost to additional IX by ATV

231617

768.8

292878 1377.4 lost to all IX Potential Interfering Stations Included in above Scenario 22 BPCT 20040212AAA APP BLCDT 20040701AEC LIC BLCDT 20051123AJX LIC DTVPLN DTVP0097 PLN BLCDT 20031022ABL LIC 11N NY NEW YORK 10A CT NEW HAVEN 11A PA WILKES-BARRE 12A CT WATERBURY 12A NY ALBANY 11N NY NEW YORK 12A NY ALBANY After Analysis HAAT 268.0 m, ATV ERP 3.2 kW Results for: 11A MA SPRINGFIELD POPULATION AREA (sq km) within Noise Limited Contour 2913509 17561.9 not affected by terrain losses 2483771 14999.3 989.0 lost to NTSC IX 134302 lost to additional IX by ATV 180645 676.7 292033 lost to ATV IX only 1321.3 lost to all IX 314947 1665.7 Potential Interfering Stations Included in above Scenario 22 11N NY NEW YORK BPCT 20040212AAA APP
10A CT NEW HAVEN BLCDT 20040701AEC LIC
11A PA WILKES-BARRE BLCDT 20051123AJX LIC
12A CT WATERBURY DTVPLN DTVP0097 PLN
12A NY ALBANY BLCDT 20031022ABL LIC
11A NH DURHAM USERRECORD01 APP

*Percent Service lost without proposal: -1.3 to DTVPLN DTVP0084
*Percent Service lost with proposal: -0.2 to DTVPLN DTVP0084 Result key: 29
Scenario 23 Affected station 4 Before Analysis HAAT 268.0 m, ATV ERP 3.2 kW Results for: 11A MA SPRINGFIELD PLNPOPULATION AREA (sq km) within Noise Limited Contour 2913509 17561.9 not affected by terrain losses 2483771 14999.3 lost to NTSC IX 134302 989.0 lost to additional IX by ATV 189225 512.5 lost to ATV IX only 265794 924.9 lost to all IX 323527 1501.5 Potential Interfering Stations Included in above Scenario 23

 11N NY NEW YORK
 BPCT
 20040212AAA
 APP

 10A CT NEW HAVEN
 BLCDT
 20040701AEC
 LIC

 11A PA WILKES-BARRE
 BLCDT
 20051123AJX
 LIC

 12A CT WATERBURY
 BMPCDT
 20040608ABI
 CP

 12A NY ALBANY
 BPRM
 20000413AAC
 LIC

After Analysis

Results for: 11A MA SPRINGF HAAT 268.0 m, ATV ERP			N DTVP0084	PLN
within Noise Limited Con	P	OPULATION	AREA (sq km) 17561.9	
not affected by terrain	losses	2483771	14999.3	
lost to NTSC IX		134302	989.0	
lost to additional IX by	ATV	211045	796.8	
lost to ATV IX only lost to all IX		324564	1461.5	
lost to all IX		345347	1785.8	
Potential Interfering Stat	ions Inc	luded in ab	ove Scenario	23
11n ny new york	BPCT	20040212	AAA APP	
10λ στ Νέω μλίζεν	BI.CDT	20040701		
11A PA WILKES-BARRE	BLCDT	20051123		
12A CT WATERBURY	BMPCDT	20040608	ABI CP	
12A NY ALBANY	BPRM	20000413	AAC LIC	
11A NH DURHAM		ORD01		
*Percent Service lost with				
*Percent Service lost with	proposa	1:	1.2 to DTVPLN	DTVP0084
Result key: 30 Scenario 24 Affected				
	station	4		
Before Analysis				
Results for: 11A MA SPRINGF	IELD	DTVPL	N DTVP0084	PLN
HAAT 268.0 m, ATV ERP				
			AREA (sq km)	
within Noise Limited Con			17561.9	
not affected by terrain	losses	2483771	14999.3	
lost to NTSC IX		134302	989.0	
lost to additional IX by	ATV	189094	496.5 908.9	
lost to ATV IX only		265663		
lost to all IX		323396	1485.5	
Potential Interfering Stat	ions Inc	luded in abo	ove Scenario	24
11n ny new york	BPCT	20040212	AAA APP	
10A CT NEW HAVEN	BLCDT	20040701	AEC LIC	
11A PA WILKES-BARRE	BLCDT	20051123		
12A CT WATERBURY	BMPCDT	20040608		
12A NY ALBANY	BLCDT	20031022	ABL LIC	
After Analysis				
-				
Results for: 11A MA SPRINGF HAAT 268.0 m, ATV ERP	IELD 3.2 kW	DTVPL	N DTVP0084	PLN
		OPULATION	AREA (sq km)	
within Noise Limited Con		2913509	17561.9	
not affected by terrain	losses	2483771	14999.3	
lost to NTSC IX	3 777 7	134302	989.0	
lost to additional IX by	A.I.A	210914	780.8	
lost to ATV IX only		324433	1445.5	
lost to all IX		345216	1769.8	

Potential Interfering Stat	ions Inclu	ded in a	above	Scenario	24
11n ny new york 10a CT new haven 11a pa wilkes-barre	BPCT BLCDT BLCDT	2004021 2004070 2005112	DIAEC 23AJX	LIC LIC	
12A CT WATERBURY	BMPCDT	2004060	18ABI	CP	
12A NY ALBANY 11A NH DURHAM	BLCDT USERRECOR		22ABL		
*Percent Service lost with					DTVP0084
*Percent Service lost with	proposal:		1.2	to DTVPLN	DTVP0084
Result key: 31					
Scenario 25 Affected Before Analysis	station	4			
-					
Results for: 11A MA SPRINGF HAAT 268.0 m, ATV ERP	3.2 kW				PLN
within Noigo Timited Con				A (sq km) 7561.9	
within Noise Limited Con not affected by terrain	losses 2	913509 483771	1	4999.3	
lost to NTSC IX		134302		989.0	
lost to additional IX by	ATV	149890		356.4	
lost to ATV IX only		219182		652.7	
lost to all IX		284192		1345.4	
Potential Interfering Stat	ions Inclu	ded in a	above	Scenario	25
11N NY NEW YORK	BPCT	2004021	12AAA	APP	
10A CT NEW HAVEN	DTVPLN	DTVP006	58	PLN	
11A PA WILKES-BARRE	DTVPLN	DTVP008	39	PLN	
	DTVPLN BPRM	DTVP009	97	PLN	
12A NY ALBANY	BPRM	2000041	L3AAC	LTC	
After Analysis					
Results for: 11A MA SPRINGF HAAT 268.0 m, ATV ERP		DTVI	PLN	DTVP0084	PLN
odebio Mila Timira Goo	_	ULATION		A (sq km)	
within Noise Limited Con not affected by terrain		913509 483771		7561.9 4999.3	
lost to NTSC IX		134302	_	989.0	
lost to additional IX by		171989		652.7	
lost to ATV IX only		280460		1237.3	
lost to all IX		306291		1641.7	
Potential Interfering Stat	ions Inclu	ded in a	above	Scenario	25
11n ny new york	BPCT	2004021	12AAA	APP	
10A CT NEW HAVEN	DTVPLN	DTVP006		PLN	
11A PA WILKES-BARRE	DTVPLN	DTVP008		PLN	
12A CT WATERBURY	DTVPLN	DTVP009		PLN	
12A NY ALBANY 11A NH DURHAM	BPRM USERRECOR	2000041	LJAAC	LIC APP	
*Percent Service lost with			-1.7	to DTVPLN	DTVP0084
*Percent Service lost with		-		to DTVPLN	DTVP0084

Result key: 32 Scenario 26 Affected station 4

Before Analysis

Results for: 11A MA SPRINGFIELD DTVPLN DTVP0084 PLN

HAAT 268.0 m, ATV ERP 3.2 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2913509	17561.9
not affected by terrain losses	2483771	14999.3
lost to NTSC IX	134302	989.0
lost to additional IX by ATV	149931	332.3
lost to ATV IX only	219223	628.6
lost to all IX	284233	1321.3

Potential Interfering Stations Included in above Scenario 26

11N NY	NEW YORK	BPCT	20040212AAA	APP
10A CT	NEW HAVEN	DTVPLN	DTVP0068	PLN
11A PA	WILKES-BARRE	DTVPLN	DTVP0089	PLN
12A CT	WATERBURY	DTVPLN	DTVP0097	PLN
12A NY	ALBANY	BLCDT	20031022ABL	LIC

After Analysis

Results for: 11A MA SPRINGFIELD DTVPLN DTVP0084 PLN HAAT 268.0 m, ATV ERP 3.2 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2913509	17561.9
not affected by terrain losses	2483771	14999.3
lost to NTSC IX	134302	989.0
lost to additional IX by ATV	172030	628.6
lost to ATV IX only	280501	1213.2
lost to all IX	306332	1617.7

Potential Interfering Stations Included in above Scenario 26

11N	NY	NEW YORK	BPCT	20040212AAA	APP
10A	\mathtt{CT}	NEW HAVEN	DTVPLN	DTVP0068	PLN
11A	PΑ	WILKES-BARRE	DTVPLN	DTVP0089	PLN
12A	\mathtt{CT}	WATERBURY	DTVPLN	DTVP0097	PLN
12A	NY	ALBANY	BLCDT	20031022ABL	LIC
11A	NH	DURHAM	USERRECORI	001	APP

| APP | APP | The state of the

Result key: 33
Scenario 27 Affected station 4

Before Analysis

Results for: 11A MA SPRINGFIELD DTVPLN DTVP0084 PLN

HAAT 268.0 m, ATV ERP 3.2 kW

POPULATION AREA (sq km) within Noise Limited Contour 2913509 17561.9 not affected by terrain losses 2483771 14999.3 lost to NTSC IX 134302 989.0

lost to additional IX by	ATV	184172	464.5	
lost to ATV IX only		256691	784.8	
lost to all IX		318474	1453.5	
Potential Interfering Stat	ions Incl	uded in above	Scenario	27
11N NY NEW YORK	BPCT	20040212AAA	APP	
10A CT NEW HAVEN	DTVPLN	DTVP0068	PLN	
11A PA WILKES-BARRE	DTVPLN	DTVP0089	PLN	
12A CT WATERBURY	BMPCDT	20040608ABI	CP	
12A NY ALBANY	BPRM	20000413AAC	LIC	
After Analysis				
Results for: 11A MA SPRINGF			DTVP0084	PLN
HAAT 268.0 m, ATV ERP	3.2 kW		/ 1)	
odeblo Moloc Timberi Con		PULATION AR		
within Noise Limited Con				
not affected by terrain				
lost to NTSC IX	- 7 CTS 7	134302	989.0	
lost to additional IX by	A.I.A	206022	756.8	
lost to ATV IX only		316834	1365.4	
lost to all IX		340324	1745.8	
Potential Interfering Stat	ions Incl	uded in above	e Scenario	27
11N NY NEW YORK	RDCT	2004021222	A DD	
10A CT NEW HAVEN				
11A PA WILKES-BARRE				
12A CT WATERBURY				
12A CI WAIENDONI 12A NV ALBANV	BDRM	200100000000	· t.TC	
12A NY ALBANY 11A NH DURHAM	USERRECO	2000011371110 RD01	ΔDD	
*Percent Service lost with	out propo	gal: -0 1	to DTVPLN	DTVP0084
*Percent Service lost with	proposal	: 0.1	to DTVPLN	DTVP0084
refeelle berviee robe wren	Proposar	0.9	CO DIVILI	21110001
Result key: 34				
Scenario 28 Affected	station	4		
Before Analysis				
-				
Results for: 11A MA SPRINGF	IELD	DTVPLN	DTVP0084	PLN
HAAT 268.0 m, ATV ERP	3.2 kW			
	PO	PULATION AR	REA (sq km)	
within Noise Limited Con	tour	2913509	17561.9	
not affected by terrain	losses		14999.3	
lost to NTSC IX		134302	989.0	
lost to additional IX by	ATV	184213	440.4	
lost to ATV IX only		256732	760.8	
lost to all IX		318515	1429.5	
Potential Interfering Stat	ions Incl	uded in above	e Scenario	28
1122 222 2222		0001005		
11N NY NEW YORK	BPCT	20040212AAA		
10A CT NEW HAVEN	DTVPLN			
11A PA WILKES-BARRE	DTVPLN			
12A CT WATERBURY	BMPCDT			
12A NY ALBANY	BLCDT	20031022ABI	LIC	

After Analysis

Results for: 11A MA SPRINGF HAAT 268.0 m, ATV ERP			DTVP0084	PLN
within Noise Limited Con not affected by terrain lost to NTSC IX lost to additional IX by	PO tour losses	DPULATION ARI 2913509 2483771 134302 206063	17561.9 14999.3 989.0 732.7 1341.4	
Potential Interfering Stat	ions Incl	uded in above	Scenario	28
12A NY ALBANY 11A NH DURHAM *Percent Service lost with	DTVPLN DTVPLN BMPCDT BLCDT USERRECO	DTVP0068 DTVP0089 20040608ABI 20031022ABL DRD01 osal: -0.1	PLN PLN CP LIC APP to DTVPLN	DTVP0084
*Percent Service lost with	proposal	.: 0.9	to DIAPPN	DTVP0084
Result key: 35 Scenario 29 Affected Before Analysis	station	4		
Results for: 11A MA SPRINGF HAAT 268.0 m, ATV ERP within Noise Limited Con not affected by terrain	3.2 kW PO tour losses	DPULATION ARI 2913509 : 2483771 :		PLN
lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX	ATV	134302 150321 222863 284623	384.4 752.8	
Potential Interfering Stat	ions Incl	uded in above	Scenario	29
11N NY NEW YORK 10A CT NEW HAVEN 11A PA WILKES-BARRE 12A CT WATERBURY 12A NY ALBANY	BPCT DTVPLN BLCDT DTVPLN BPRM	20040212AAA DTVP0068 20051123AJX DTVP0097 20000413AAC	PLN LIC PLN	
After Analysis				
Results for: 11A MA SPRINGF HAAT 268.0 m, ATV ERP	3.2 kW	DTVPLN DPULATION ARI	DTVP0084 EA (sq km)	PLN
within Noise Limited Con not affected by terrain lost to NTSC IX lost to additional IX by lost to ATV IX only	tour losses	2913509	17561.9 14999.3 989.0 672.7 1305.3	

lost to all IX 306692 1661.7

Potential Interfering Stations Included in above Scenario 29 20040212AAA APP 11N NY NEW YORK BPCT 10A CT NEW HAVEN DTVPLN DTVP0068 PLN BLCDT 20051123AJX LIC DTVPLN DTVP0097 PLN 11A PA WILKES-BARRE 12A CT WATERBURY 12A NY ALBANY BPRM 11A NH DURHAM USERRECORD01 *Percent Service lost without proposal: -1.6 to DTVPLN DTVP0084
*Percent Service lost with proposal: -0.6 to DTVPLN DTVP0084 Result key: 36 Scenario 30 Affected station 4 Before Analysis DTVPLN DTVP0084 PLN Results for: 11A MA SPRINGFIELD HAAT 268.0 m, ATV ERP 3.2 kW POPULATION AREA (sq km) within Noise Limited Contour 2913509 17561.9 not affected by terrain losses 2483771 14999.3 lost to additional IX by ATV 150190 lost to ATV IX only 222732 lost to all IX 368.4 736.8 1357.4 Potential Interfering Stations Included in above Scenario 30 BPCT 20040212AAA APP
DTVPLN DTVP0068 PLN
BLCDT 20051123AJX LIC
DTVPLN DTVP0097 PLN 11N NY NEW YORK 11N NY NEW YORK 10A CT NEW HAVEN 11A PA WILKES-BARRE 12A CT WATERBURY BLCDT 20031022ABL LIC 12A NY ALBANY After Analysis Results for: 11A MA SPRINGFIELD DTVPLN DTVP0084 PLN HAAT 268.0 m, ATV ERP 3.2 kW POPULATION AREA (sq km) within Noise Limited Contour 2913509 17561.9 not affected by terrain losses 2483771 14999.3 lost to additional IX by ATV 172259 lost to ATV IX only 989.0 656.7 1289.3 lost to ATV IX only 283148 lost to all IX 306561 1645.7 Potential Interfering Stations Included in above Scenario 3.0 11N NY NEW YORK BPCT 20040212AAA APP 10A CT NEW HAVEN DTVPLN DTVP0068 PLN 11A PA WILKES-BARRE BLCDT 20051123AJX LIC 12A CT WATERBURY DTVPLN DTVP0097 PLN 12A NY ALBANY BLCDT 20031022ABL LIC 11A NH DURHAM USERRECORD01 APP *Percent Service lost without proposal: -1.6 to DTVPLN DTVP0084

*Percent Service lost with proposal: -0.6 to DTVPLN DTVP0084

Result key: 37
Scenario 31 Affected station 4

Before Analysis

Results for: 11A MA SPRINGFIELD DTVPLN DTVP0084 PLN

HAAT 268.0 m, ATV ERP 3.2 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2913509	17561.9
not affected by terrain losses	2483771	14999.3
lost to NTSC IX	134302	989.0
lost to additional IX by ATV	184761	492.5
lost to ATV IX only	260785	888.9
lost to all IX	319063	1481.5

Potential Interfering Stations Included in above Scenario 31

11N NY NEW YORK	BPCT	20040212AAA	APP
10A CT NEW HAVEN	DTVPLN	DTVP0068	PLN
11A PA WILKES-BARRE	BLCDT	20051123AJX	LIC
12A CT WATERBURY	BMPCDT	20040608ABI	CP
12A NY ALBANY	BPRM	20000413AAC	LIC

After Analysis

Results for: 11A MA SPRINGFIELD DTVPLN DTVP0084 PLN HAAT 268.0 m, ATV ERP 3.2 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2913509	17561.9
not affected by terrain losses	2483771	14999.3
lost to NTSC IX	134302	989.0
lost to additional IX by ATV	206581	776.8
lost to ATV IX only	319811	1433.5
lost to all IX	340883	1765.8

Potential Interfering Stations Included in above Scenario 31

11N	NY	NEW YORK	BPCT	20040212AAA	APP
10A	CT	NEW HAVEN	DTVPLN	DTVP0068	PLN
11A	PΑ	WILKES-BARRE	BLCDT	20051123AJX	LIC
12A	CT	WATERBURY	BMPCDT	20040608ABI	CP
12A	NY	ALBANY	BPRM	20000413AAC	LIC
11A	NH	DURHAM	USERRECORI	001	APP

*Percent Service lost without proposal: 0.0 to DTVPLN DTVP0084 *Percent Service lost with proposal: 1.0 to DTVPLN DTVP0084

38 Result key:

Scenario 32 Affected station 4

Before Analysis

DTVPLN DTVP0084 PLN Results for: 11A MA SPRINGFIELD

HAAT 268.0 m, ATV ERP 3.2 kW

POPULATION AREA (sq km) within Noise Limited Contour 2913509 17561.9

```
not affected by terrain losses 2483771
                                            14999.3
  lost to NTSC IX
                                 134302
                                              989.0
                               184630
  lost to additional IX by ATV
                                              476.5
  lost to ATV IX only
                                  260654
                                              872.9
  lost to all IX
                                 318932
                                             1465.5
Potential Interfering Stations Included in above Scenario
                                  20040212AAA APP
11N NY NEW YORK
                         BPCT
10A CT NEW HAVEN
                         DTVPLN
                                  DTVP0068
                                              PLN
                        BLCDT
                        BLCDT 20051123AJX LIC
BMPCDT 20040608ABI CP
11A PA WILKES-BARRE
12A CT WATERBURY
12A NY ALBANY
                        BLCDT
                                  20031022ABL LIC
After Analysis
Results for: 11A MA SPRINGFIELD
                                    DTVPLN
                                              DTVP0084
                                                          PLN
  HAAT 268.0 m, ATV ERP 3.2 kW
                              POPULATION AREA (sq km)
  within Noise Limited Contour 2913509 17561.9
  not affected by terrain losses 2483771
                                            14999.3
  lost to NTSC IX
                                134302
                                              989.0
  lost to additional IX by ATV
                                              760.8
                                 206450
  lost to ATV IX only
                                 319680
                                             1417.4
  lost to all IX
                                  340752
                                             1749.8
Potential Interfering Stations Included in above Scenario
                                                        32
                                  20040212AAA APP
11N NY NEW YORK
                         BPCT
10A CT NEW HAVEN
                         DTVPLN
                                  DTVP0068
                                              PLN
11A PA WILKES-BARRE
                        BLCDT
                                  20051123AJX LIC
                        BMPCDT
                                  20040608ABI CP
12A CT WATERBURY
12A NY ALBANY
                        BLCDT
                                  20031022ABL LIC
11A NH DURHAM
                        USERRECORD01
                                             APP
*Percent Service lost without proposal: 0.0 to DTVPLN
*Percent Service lost with proposal: 1.0 to DTVPLN
                                                          DTVP0084
                                                          DTVP0084
Analysis of Interference to Affected Station 5
Analysis of current record
Channel Call
                                         Application Ref. No.
                        City/State
  11
          WWLP
                                           BLCDT -20060619AAS
                    SPRINGFIELD MA
    Stations Potentially Affecting This Station
Chan
     Call
              City/State
                                  Dist(km) Status Application Ref. No.
 10
     WTNH
             NEW HAVEN CT
                                      76.4 LIC BLCDT -20040701AEC
 10 WTNH-DT NEW HAVEN CT
                                      76.4 PLN DTVPLN
                                                           -DTVP0068
                                    137.2 APP BPRM
 10 WWDP NORWELL MA
                                                          -20060426AAW
                                    122.8 LIC BLCT
119.6 LIC BLCT
172.2 PLN DTVPLN
 10 WTEN
            ALBANY NY
                                                          -1285
10 WJAR PROVIDENCE RI
                                                           -2395
 11 WENHTV DURHAM NH
                                                           -NPLN0728
```

11 WPIX NEW YORK NY 11 WPIX NEW YORK NY 11 WBRE-DT WILKES-BARRE F 11 WBRE-TV WILKES-BARRE F 12 WTXX-DT WATERBURY CT 12 WTXX WATERBURY CT 12 WNYT-DR ALBANY NY 12 WNYT ALBANY NY 12 WPRI-TV PROVIDENCE RI 11 WENH-D11 DURHAM NH	187.6 281.2 281.8 68.2 43.7 123.3 123.0 119.7	PLN DTVPLN CP MOD BMPCDT LIC BPRM	-19810826KH -DTVP0089 -20051123AJX -DTVP0097 -20040608ABI -20000413AAC -20031022ABL -1750
Total scenarios = 32			
Result key: 39 Scenario 1 Affected s Before Analysis	station 5		
Results for: 11A MA SPRINGFIE HAAT 247.0 m, ATV ERP 1		20060619AAS	LIC
within Noise Limited Contonot affected by terrain lolost to NTSC IX lost to additional IX by A lost to ATV IX only lost to all IX Potential Interfering Static	POPULATION Our 3426452 Disses 2797190 148239 ATV 226005 301935 374244 Dins Included in about	21778.9 17880.2 976.7 432.3 844.6 1409.0	1
10A CT NEW HAVEN E 11A PA WILKES-BARRE I			
12A CT WATERBURY		PLN	
After Analysis			
Results for: 11A MA SPRINGFIE HAAT 247.0 m, ATV ERP 1	LO.O kW		LIC
within Noise Limited Contonot affected by terrain lolost to NTSC IX lost to additional IX by Alost to ATV IX only lost to all IX	2797190 148239	21778.9	
Potential Interfering Statio	ons Included in abo	ve Scenario	1
10A CT NEW HAVEN 11A PA WILKES-BARRE 12A CT WATERBURY 12A NY ALBANY	BLCT 19810826K BLCDT 20040701A DTVPLN DTVP0089 DTVPLN DTVP0097 BPRM 20000413A JSERRECORD01 at proposal: -12	AEC LIC PLN PLN AAC LIC	20060619AAS

*Percent Service lost with proposal: -11.1 to BLCDT 20060619AAS

Result key: 40
Scenario 2 Affected station 5

Before Analysis

Results for: 11A MA SPRINGFIELD BLCDT 20060619AAS LIC

HAAT 247.0 m, ATV ERP 10.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3426452	21778.9
not affected by terrain losses	2797190	17880.2
lost to NTSC IX	148239	976.7
lost to additional IX by ATV	225988	428.3
lost to ATV IX only	301918	836.6
lost to all IX	374227	1405.0

Potential Interfering Stations Included in above Scenario 2

11N	NY	NEW YORK	BLCT	19810826КН	LIC
10A	CT	NEW HAVEN	BLCDT	20040701AEC	LIC
11A	PΑ	WILKES-BARRE	DTVPLN	DTVP0089	PLN
12A	CT	WATERBURY	DTVPLN	DTVP0097	PLN
12A	NY	ALBANY	BLCDT	20031022ABL	LIC

After Analysis

Results for: 11A MA SPRINGFIELD BLCDT 20060619AAS LIC

HAAT 247.0 m, ATV ERP 10.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3426452	21778.9
not affected by terrain losses	2797190	17880.2
lost to NTSC IX	148239	976.7
lost to additional IX by ATV	245213	704.5
lost to ATV IX only	350083	1300.9
lost to all IX	393452	1681.1

Potential Interfering Stations Included in above Scenario

11N	NY	NEW YORK	BLCT	19810826KH	LIC
10A	CT	NEW HAVEN	BLCDT	20040701AEC	LIC
11A	PA	WILKES-BARRE	DTVPLN	DTVP0089	PLN
12A	CT	WATERBURY	DTVPLN	DTVP0097	PLN
12A	NY	ALBANY	BLCDT	20031022ABL	LIC
11A	NH	DURHAM	USERRECORI	001	APP

11A NH DURHAM USERRECORD01 APP

*Percent Service lost without proposal: -12.0 to BLCDT 20060619AAS

*Percent Service lost with proposal: -11.1 to BLCDT 20060619AAS

41 Result key:

Scenario 3 Affected station 5

Before Analysis

BLCDT 20060619AAS LIC Results for: 11A MA SPRINGFIELD

HAAT 247.0 m, ATV ERP 10.0 kW

POPULATION AREA (sq km) within Noise Limited Contour 3426452 21778.9

```
not affected by terrain losses 2797190 17880.2
   lost to NTSC IX
                                     148239
   lost to NTSC IX 148239
lost to additional IX by ATV 243118
                                                   976.7
                                                    508.3
   lost to ATV IX only
                                      320787
                                                    928.6
   lost to all IX
                                     391357
                                                   1485.0
 Potential Interfering Stations Included in above Scenario
                                      19810826KH LIC
11N NY NEW YORK
                           BLCT
                          BLCT 19810828R LIC
BLCDT 20040701AEC LIC
DTVPLN DTVP0089 PLN
BMPCDT 20040608ABI CP
BPRM 20000413AAC LIC
10A CT NEW HAVEN
11A PA WILKES-BARRE
12A CT WATERBURY
12A NY ALBANY
After Analysis
                                   BLCDT 20060619AAS LIC
Results for: 11A MA SPRINGFIELD
   HAAT 247.0 m, ATV ERP 10.0 kW
                             POPULATION AREA (sq km)
   within Noise Limited Contour 3426452 21778.9
   not affected by terrain 1
lost to NTSC IX 148239
lost to additional IX by ATV 262566
369291
   not affected by terrain losses 2797190
                                                 17880.2
                                     148239
                                                   976.7
                                                    788.5
                                                   1401.0
   lost to all IX
                                      410805
                                                   1765.2
 Potential Interfering Stations Included in above Scenario
                          BLCT 19810826KH LIC
BLCDT 20040701AEC LIC
DTVPLN DTVP0089 PLN
                           BLCT
                                       19810826KH LIC
11N NY NEW YORK
10A CT NEW HAVEN
11A PA WILKES-BARRE
12A CT WATERBURY BMPCDT 20040608ABI CP
12A NY ALBANY BPRM 20000413AAC LIC
11A NH DURHAM USERRECORDO1 APP
*Percent Service lost without proposal: -11.2 to BLCDT
*Percent Service lost with proposal: -10.3 to BLCDT
                                                                 20060619AAS
                                                                 20060619AAS
Result key:
                 42
Scenario
                4 Affected station 5
Before Analysis
                                      BLCDT 20060619AAS LIC
Results for: 11A MA SPRINGFIELD
   HAAT 247.0 m, ATV ERP 10.0 kW
                                  POPULATION AREA (sq km)
   within Noise Limited Contour 3426452 21778.9
   not affected by terrain losses 2797190
                                                 17880.2
   lost to NTSC IX
                                     148239
                                                    976.7
                                    243101
   lost to additional IX by ATV
                                                    504.3
                                                    920.6
   lost to ATV IX only
                                     320770
   lost to all IX
                                      391340
                                                   1481.0
 Potential Interfering Stations Included in above Scenario
11N NY NEW YORK
                           BLCT
                                       19810826KH LIC
10A CT NEW HAVEN
                           BLCDT 20040701AEC LIC
11A PA WILKES-BARRE DTVPLN
                                       DTVP0089 PLN
```

12A CT WATERBURY BMPCDT 20040608ABI CP 12A NY ALBANY BLCDT 20031022ABL LIG 20031022ABL LIC

After Analysis

BLCDT 20060619AAS LIC Results for: 11A MA SPRINGFIELD

HAAT 247.0 m, ATV ERP 10.0 kW

POPULATION AREA (sq km) within Noise Limited Contour 3426452 21778.9 not affected by terrain losses 2797190 lost to NTSC IX 148239 17880.2 lost to NTSC IX 148239 lost to additional IX by ATV 262549 lost to ATV IX only 369274 976.7 784.5 lost to ATV IX only 1393.0 lost to all IX 410788 1761.2

Potential Interfering Stations Included in above Scenario 4

11N NY NEW YORK BLCT 19810826KH LIC
10A CT NEW HAVEN BLCDT 20040701AEC LIC
11A PA WILKES-BARRE DTVPLN DTVP0089 PLN
12A CT WATERBURY BMPCDT 20040608ABI CP
12A NY ALBANY BLCDT 20031022ABL LIC
11A NH DURHAM USERRECORD01 APP

*Percent Service lost without proposal: -11.2 to BLCDT 20060619AAS
*Percent Service lost with proposal: -10.3 to BLCDT 20060619AAS 11N NY NEW YORK 10A CT NEW HAVEN 11A PA WILKES-BARRE 12A CT WATERBURY 12A NY ALBANY 11A NH DURHAM

Result key: 43

Scenario 5 Affected station 5

Before Analysis

BLCDT 20060619AAS LIC Results for: 11A MA SPRINGFIELD

HAAT 247.0 m, ATV ERP 10.0 kW

POPULATION AREA (sq km) within Noise Limited Contour 3426452 21778.9 not affected by terrain losses 2797190 17880.2 lost to NTSC IX 148239
lost to additional IX by ATV 228749
lost to ATV IX only 306932 976.7 456.3 900.6 376988 lost to all IX 1433.0

Potential Interfering Stations Included in above Scenario 5

BLCT 19810826KH LIC
BLCDT 20040701AEC LIC
BLCDT 20051123AJX LIC
DTVPLN DTVP0097 PLN
BPRM 20000413AAC LIC 11N NY NEW YORK 11N NY NEW YORK 10A CT NEW HAVEN 11A PA WILKES-BARRE 12A CT WATERBURY 12A NY ALBANY

After Analysis

BLCDT 20060619AAS LIC Results for: 11A MA SPRINGFIELD

HAAT 247.0 m, ATV ERP 10.0 kW

POPULATION AREA (sq km) within Noise Limited Contour 3426452 21778.9 not affected by terrain losses 2797190 17880.2 lost to NTSC IX 148239 976.7

lost to additional IX by	ATV	247962	728.5	
lost to ATV IX only		353088	1340.9	
lost to ATV IX only lost to all IX		396201	1705.2	
Potential Interfering Stat	ions Incl	uded in above	Scenario	5
11N NY NEW YORK	BLCT	19810826КН	LIC	
10A CT NEW HAVEN	BLCDT	20040701AEC	LIC	
11A PA WILKES-BARRE	BLCDT	20051123AJX	LIC	
12A CT WATERBURY				
12A NY ALBANY	BPRM	20000413AAC	LIC	
11A NH DURHAM *Percent Service lost with *Percent Service lost with	USERRECO	RD01	APP	
*Percent Service lost with	out propo	sal: -11.8	to BLCDT	20060619AAS
*Percent Service lost with	proposal	: -11.0	to BLCDT	20060619AAS
Result key: 44				
Scenario 6 Affected	gtation	5		
Before Analysis	SCACIOII	3		
Deloie Analysis				
Results for: 11A MA SPRINGF	IELD	BLCDT	20060619AAS	LIC
HAAT 247.0 m, ATV ERP				
	PO	PULATION AR	EA (sq km)	
within Noise Limited Con	tour	3426452	21778.9	
not affected by terrain	losses	2797190	17880.2	
lost to NTSC IX		148239	976.7	
lost to additional IX by	ATV	228749	456.3	
lost to ATV IX only		306932	900.6	
lost to all IX		376988	1433.0	
Potential Interfering Stat	iona Inal	udod in about	Caonario	6
Potential interfering Stat	TOIIS THET	uded III above	Scellar 10	O
11N NY NEW YORK	BLCT	19810826КН	LIC	
10A CT NEW HAVEN				
11A PA WILKES-BARRE				
12A CT WATERBURY	DTVPLN	DTVP0097	PLN	
12A NY ALBANY	BLCDT	20031022ABL	LIC	
After Analysis				
Results for: 11A MA SPRINGF	IELD	BLCDT	20060619AAS	LIC
HAAT 247.0 m, ATV ERP		-		-
,		PULATION AR	EA (sq km)	
within Noise Limited Con	tour		21778.9	
not affected by terrain	losses	2797190	17880.2	
lost to NTSC IX		148239	976.7	
lost to additional IX by	ATV	247962	728.5	
lost to ATV IX only		353088	1340.9	
lost to all IX		396201	1705.2	
Potential Interfering Stat	ions Incl	uded in above	Scenario	6
11N NY NEW YORK	BLCT	19810826КН	LIC	
10A CT NEW HAVEN	BLCT			
11A PA WILKES-BARRE	BLCDT			
12A CT WATERBURY	DTVPLN			
12A NY ALBANY	BLCDT	20031022ABL		

*Percent Service lost without proposal: -11.8 to BLCDT 20060619AAS

*Percent Service lost with proposal: -11.0 to BLCDT 20060619AAS 11A NH DURHAM Result key: 45
Scenario 7 Affected station 5 Before Analysis Results for: 11A MA SPRINGFIELD BLCDT 20060619AAS LIC HAAT 247.0 m, ATV ERP 10.0 kW POPULATION AREA (sq km) within Noise Limited Contour 3426452 21778.9 not affected by terrain losses 2797190 17880.2 lost to NTSC IX 148239 976.7 lost to additional IX by ATV 245862 532.4 lost to ATV IX only 325784 984.7 lost to all IX 394101 1509.0 Potential Interfering Stations Included in above Scenario 7 BLCT 11N NY NEW YORK 19810826KH LIC 10A CT NEW HAVEN BLCT 20040701AEC LIC BLCDT 20051123AJX LIC BMPCDT 20040608ABI CP BPRM 20000413AAC LIC 11A PA WILKES-BARRE 12A CT WATERBURY 12A NY ALBANY After Analysis Results for: 11A MA SPRINGFIELD BLCDT 20060619AAS LIC HAAT 247.0 m, ATV ERP 10.0 kW POPULATION AREA (sq km) within Noise Limited Contour 3426452 21778.9 not affected by terrain 1021 lost to NTSC IX 148239 lost to additional IX by ATV 265298 372279 not affected by terrain losses 2797190 17880.2 976.7 808.6 1433.0 lost to all IX 413537 Potential Interfering Stations Included in above Scenario BLCT 19810826KH LIC
BLCDT 20040701AEC LIC
BLCDT 20051123AJX LIC
BMPCDT 20040608ABI CP
BPRM 20000413AAC LIC 11N NY NEW YORK 11N NY NEW YORK 10A CT NEW HAVEN 11A PA WILKES-BARRE 12A CT WATERBURY 12A C1 ... 12A NY ALBANY 11A NH DURHAM USERRECORD01 APP *Percent Service lost without proposal: -11.1 to BLCDT 20060619AAS *Percent Service lost with proposal: -10.2 to BLCDT 20060619AAS 46 Result key: Scenario 8 Affected station 5 Before Analysis Results for: 11A MA SPRINGFIELD BLCDT 20060619AAS LIC

HAAT 247.0 m, ATV ERP 10.0 kW

```
POPULATION AREA (sq km)
  within Noise Limited Contour 3426452
                                             21778.9
  not affected by terrain losses 2797190
                                               17880.2
  lost to NTSC IX 148239
lost to additional IX by ATV 245862
                                               976.7
                                                532.4
  lost to ATV IX only
                                  325784
                                                984.7
   lost to all IX
                                   394101
                                               1509.0
Potential Interfering Stations Included in above Scenario
11N NY NEW YORK
                         BLCT
                                    19810826KH LIC
                         BLCDT
10A CT NEW HAVEN
                                    20040701AEC LIC
                        BLCDT 20051123AJX LIC
BMPCDT 20040608ABI CP
11A PA WILKES-BARRE
12A CT WATERBURY
12A NY ALBANY
                         BLCDT
                                    20031022ABL LIC
After Analysis
                                     BLCDT 20060619AAS LIC
Results for: 11A MA SPRINGFIELD
  HAAT 247.0 m, ATV ERP 10.0 kW
                            POPULATION AREA (sq km)
  within Noise Limited Contour 3426452
                                             21778.9
  not affected by terrain losses 2797190
                                              17880.2
  lost to NTSC IX 148239
lost to additional IX by ATV 265298
lost to ATV IX only 372279
                                                976.7
                                                808.6
  lost to ATV IX only
                                               1433.0
                                   413537
   lost to all IX
                                               1785.2
Potential Interfering Stations Included in above Scenario 8
11N NY NEW YORK
                          BLCT
                                    19810826KH
                                                 LIC
10A CT NEW HAVEN
                         BLCDT
                         BLCDT 20040701AEC LIC
BLCDT 20051123AJX LIC
11A PA WILKES-BARRE
12A CT WATERBURY
                         BMPCDT 20040608ABI CP
12A NY ALBANY
                         BLCDT
                                   20031022ABL LIC
                         USERRECORD01
11A NH DURHAM
*Percent Service lost without proposal: -11.1 to BLCDT
*Percent Service lost with proposal: -10.2 to BLCDT
                                                              20060619AAS
                                                              20060619AAS
Result key:
Scenario
               9 Affected station 5
Before Analysis
                                   BLCDT 20060619AAS LIC
Results for: 11A MA SPRINGFIELD
  HAAT 247.0 m, ATV ERP 10.0 kW
                               POPULATION AREA (sq km)
  within Noise Limited Contour 3426452
                                             21778.9
  not affected by terrain losses 2797190
                                               17880.2
   lost to NTSC IX
                                                976.7
                                   148239
                                 217953
   lost to additional IX by ATV
                                                 408.3
                                  292960
   lost to ATV IX only
                                                792.5
   lost to all IX
                                   366192
                                               1384.9
Potential Interfering Stations Included in above Scenario
11N NY NEW YORK
                         BLCT
                                    19810826KH LIC
```

10A CT NEW HAVEN	DTVPLN	DTVP0068	PLN	
11A PA WILKES-BARRE	DTVPLN			
12A CT WATERBURY				
		DTVP0097		
12A NY ALBANY	BPRM	20000413AAC	LIC	
76+ 7				
After Analysis				
Results for: 11A MA SPRINGF	ידדי.	RT.CDT	20060619779	T.T.C
HAAT 247.0 m, ATV ERP		БЦСБТ	20000017AAS	штс
MAN 247.0 M, AIV ERF		PULATION ARE	A (sq km)	
within Noigo Timited Con			1778.9	
within Noise Limited Con				
not affected by terrain lost to NTSC IX	losses .	4/9/19U 1 1/0000	976.7	
lost to NISC IX	. 7.0077	148239	970.7	
lost to additional ix by	AIV	23/1/8	684.5	
lost to ATV IX only		341148	1260.9	
lost to all IX		385417	1661.1	
Potential Interfering Stat	iona Inali	ided in above	Sacnario	9
rocential interfering state	TOILS THET	uded III above	DCEIIAI 10	
11N NY NEW YORK	BLCT	19810826КН	LIC	
10A CT NEW HAVEN	DTVPLN		PLN	
11A PA WILKES-BARRE				
12A CT WATERBURY	DTVI LIV	DTVP0089 DTVP0097	PLN	
12A NY ALBANY	BPRM			
11A NH DURHAM			APP	
*Percent Service lost with				20060619AAS
*Percent Service lost with				
rerectic bervies robe wren	Proposar	11.5	co blebi	200000171110
Result key: 48				
Result key: 48 Scenario 10 Affected	station	5		
Scenario 10 Affected	station	5		
Result key: 48 Scenario 10 Affected Before Analysis	station	5		
Scenario 10 Affected			20060619AAS	LIC
Scenario 10 Affected Before Analysis	'IELD		20060619AAS	LIC
Scenario 10 Affected Before Analysis Results for: 11A MA SPRINGF	TIELD 10.0 kW			LIC
Scenario 10 Affected Before Analysis Results for: 11A MA SPRINGF	TIELD 10.0 kW POI	BLCDT PULATION ARE	A (sq km)	LIC
Scenario 10 Affected Before Analysis Results for: 11A MA SPRINGF HAAT 247.0 m, ATV ERP within Noise Limited Con	TIELD 10.0 kW POI	BLCDT PULATION ARE 3426452 2	A (sq km)	LIC
Scenario 10 Affected Before Analysis Results for: 11A MA SPRINGF HAAT 247.0 m, ATV ERP	TIELD 10.0 kW POI tour losses	BLCDT PULATION ARE 3426452 2 2797190 1	A (sq km) 1778.9	LIC
Scenario 10 Affected Before Analysis Results for: 11A MA SPRINGF HAAT 247.0 m, ATV ERP within Noise Limited Con not affected by terrain	TIELD 10.0 kW POI tour losses	BLCDT PULATION ARE 3426452 2 2797190 1	A (sq km) 1778.9 7880.2	LIC
Scenario 10 Affected Before Analysis Results for: 11A MA SPRINGF HAAT 247.0 m, ATV ERP within Noise Limited Con not affected by terrain lost to NTSC IX	TIELD 10.0 kW POI tour losses	BLCDT PULATION ARE 3426452 2 2797190 1 148239	A (sq km) 1778.9 7880.2 976.7	LIC
Scenario 10 Affected Before Analysis Results for: 11A MA SPRINGF HAAT 247.0 m, ATV ERP within Noise Limited Con not affected by terrain lost to NTSC IX lost to additional IX by	TIELD 10.0 kW POI tour losses	BLCDT PULATION ARE 3426452 2 2797190 1 148239 217936 292943	A (sq km) 1778.9 7880.2 976.7 404.3	LIC
Scenario 10 Affected Before Analysis Results for: 11A MA SPRINGF HAAT 247.0 m, ATV ERP within Noise Limited Con not affected by terrain lost to NTSC IX lost to additional IX by lost to ATV IX only	TIELD 10.0 kW POI tour losses	BLCDT PULATION ARE 3426452 2 2797190 1 148239 217936 292943	A (sq km) 1778.9 7880.2 976.7 404.3 784.5	LIC
Scenario 10 Affected Before Analysis Results for: 11A MA SPRINGF HAAT 247.0 m, ATV ERP within Noise Limited Con not affected by terrain lost to NTSC IX lost to additional IX by lost to ATV IX only	TIELD 10.0 kW POI tour losses ATV	BLCDT PULATION ARE 3426452 2 2797190 1 148239 217936 292943 366175	A (sq km) 1778.9 7880.2 976.7 404.3 784.5 1380.9	LIC
Scenario 10 Affected Before Analysis Results for: 11A MA SPRINGF HAAT 247.0 m, ATV ERP within Noise Limited Con not affected by terrain lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX	TIELD 10.0 kW POI tour losses ATV	BLCDT PULATION ARE 3426452 2 2797190 1 148239 217936 292943 366175	A (sq km) 1778.9 7880.2 976.7 404.3 784.5 1380.9	
Scenario 10 Affected Before Analysis Results for: 11A MA SPRINGF HAAT 247.0 m, ATV ERP within Noise Limited Con not affected by terrain lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX	TIELD 10.0 kW POI tour losses ATV	BLCDT PULATION ARE 3426452 2 2797190 1 148239 217936 292943 366175	A (sq km) 1778.9 7880.2 976.7 404.3 784.5 1380.9	
Scenario 10 Affected Before Analysis Results for: 11A MA SPRINGF HAAT 247.0 m, ATV ERP within Noise Limited Com not affected by terrain lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX Potential Interfering Stat 11N NY NEW YORK 10A CT NEW HAVEN	TIELD 10.0 kW POI tour losses ATV ions Incl	BLCDT PULATION ARE 3426452 2 2797190 1 148239 217936 292943 366175 uded in above	A (sq km) 1778.9 7880.2 976.7 404.3 784.5 1380.9	
Scenario 10 Affected Before Analysis Results for: 11A MA SPRINGF HAAT 247.0 m, ATV ERP within Noise Limited Com not affected by terrain lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX Potential Interfering Stat 11N NY NEW YORK	PIELD 10.0 kW POI tour losses ATV ions Inclu	BLCDT PULATION ARE 3426452 2 2797190 1 148239 217936 292943 366175 uded in above 19810826KH DTVP0068	A (sq km) 1778.9 7880.2 976.7 404.3 784.5 1380.9 Scenario	
Scenario 10 Affected Before Analysis Results for: 11A MA SPRINGF HAAT 247.0 m, ATV ERP within Noise Limited Com not affected by terrain lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX Potential Interfering Stat 11N NY NEW YORK 10A CT NEW HAVEN	PIELD 10.0 kW POI tour losses ATV ions Inclu BLCT DTVPLN	BLCDT PULATION ARE 3426452 2 2797190 1 148239 217936 292943 366175 uded in above 19810826KH DTVP0068	A (sq km) 1778.9 7880.2 976.7 404.3 784.5 1380.9 Scenario	
Scenario 10 Affected Before Analysis Results for: 11A MA SPRINGF HAAT 247.0 m, ATV ERP within Noise Limited Commot affected by terrain lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX Potential Interfering State 11N NY NEW YORK 10A CT NEW HAVEN 11A PA WILKES-BARRE	PIELD 10.0 kW POI tour losses ATV ions Inclu BLCT DTVPLN DTVPLN	BLCDT PULATION ARE 3426452 2 2797190 1 148239 217936 292943 366175 uded in above 19810826KH DTVP0068 DTVP0089 DTVP0097	A (sq km) 1778.9 7880.2 976.7 404.3 784.5 1380.9 Scenario LIC PLN PLN PLN PLN	
Scenario 10 Affected Before Analysis Results for: 11A MA SPRINGF HAAT 247.0 m, ATV ERP within Noise Limited Con not affected by terrain lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX Potential Interfering Stat 11N NY NEW YORK 10A CT NEW HAVEN 11A PA WILKES-BARRE 12A CT WATERBURY 12A NY ALBANY	PIELD 10.0 kW POI tour losses ATV ions Inclu BLCT DTVPLN DTVPLN DTVPLN DTVPLN	BLCDT PULATION ARE 3426452 2 2797190 1 148239 217936 292943 366175 uded in above 19810826KH DTVP0068 DTVP0089 DTVP0097	A (sq km) 1778.9 7880.2 976.7 404.3 784.5 1380.9 Scenario LIC PLN PLN PLN PLN	
Scenario 10 Affected Before Analysis Results for: 11A MA SPRINGF HAAT 247.0 m, ATV ERP within Noise Limited Commot affected by terrain lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX Potential Interfering Stat 11N NY NEW YORK 10A CT NEW HAVEN 11A PA WILKES-BARRE 12A CT WATERBURY	PIELD 10.0 kW POI tour losses ATV ions Inclu BLCT DTVPLN DTVPLN DTVPLN DTVPLN	BLCDT PULATION ARE 3426452 2 2797190 1 148239 217936 292943 366175 uded in above 19810826KH DTVP0068 DTVP0089 DTVP0097	A (sq km) 1778.9 7880.2 976.7 404.3 784.5 1380.9 Scenario LIC PLN PLN PLN PLN	
Scenario 10 Affected Before Analysis Results for: 11A MA SPRINGF HAAT 247.0 m, ATV ERP within Noise Limited Con not affected by terrain lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX Potential Interfering Stat 11N NY NEW YORK 10A CT NEW HAVEN 11A PA WILKES-BARRE 12A CT WATERBURY 12A NY ALBANY After Analysis	TIELD 10.0 kW POI tour losses ATV ions Inclu BLCT DTVPLN DTVPLN DTVPLN BLCDT	BLCDT PULATION ARE 3426452 2 2797190 1 148239 217936 292943 366175 uded in above 19810826KH DTVP0068 DTVP0089 DTVP0097 20031022ABL	A (sq km) 1778.9 7880.2 976.7 404.3 784.5 1380.9 Scenario LIC PLN PLN PLN PLN LIC	10
Scenario 10 Affected Before Analysis Results for: 11A MA SPRINGF HAAT 247.0 m, ATV ERP within Noise Limited Con not affected by terrain lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX Potential Interfering Stat 11N NY NEW YORK 10A CT NEW HAVEN 11A PA WILKES-BARRE 12A CT WATERBURY 12A NY ALBANY After Analysis Results for: 11A MA SPRINGF	TIELD 10.0 kW POI tour losses ATV ions Inclu BLCT DTVPLN DTVPLN DTVPLN BLCDT	BLCDT PULATION ARE 3426452 2 2797190 1 148239 217936 292943 366175 uded in above 19810826KH DTVP0068 DTVP0089 DTVP0097	A (sq km) 1778.9 7880.2 976.7 404.3 784.5 1380.9 Scenario LIC PLN PLN PLN PLN LIC	10
Scenario 10 Affected Before Analysis Results for: 11A MA SPRINGF HAAT 247.0 m, ATV ERP within Noise Limited Con not affected by terrain lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX Potential Interfering Stat 11N NY NEW YORK 10A CT NEW HAVEN 11A PA WILKES-BARRE 12A CT WATERBURY 12A NY ALBANY After Analysis	PIELD 10.0 kW POI tour losses ATV ions Inclu BLCT DTVPLN DTVPLN DTVPLN BLCDT	BLCDT PULATION ARE 3426452 2 2797190 1 148239 217936 292943 366175 aded in above 19810826KH DTVP0068 DTVP0089 DTVP0097 20031022ABL BLCDT	A (sq km) 1778.9 7880.2 976.7 404.3 784.5 1380.9 Scenario LIC PLN PLN PLN PLN LIC 20060619AAS	10
Scenario 10 Affected Before Analysis Results for: 11A MA SPRINGF HAAT 247.0 m, ATV ERP within Noise Limited Con not affected by terrain lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX Potential Interfering Stat 11N NY NEW YORK 10A CT NEW HAVEN 11A PA WILKES-BARRE 12A CT WATERBURY 12A NY ALBANY After Analysis Results for: 11A MA SPRINGF	POID 10.0 kW	BLCDT PULATION ARE 3426452 2 2797190 1 148239 217936 292943 366175 uded in above 19810826KH DTVP0068 DTVP0089 DTVP0097 20031022ABL BLCDT	A (sq km) 1778.9 7880.2 976.7 404.3 784.5 1380.9 Scenario LIC PLN PLN PLN PLN LIC	10

not affected by terrain lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX Potential Interfering Stat.	ATV	148239 237161 341131 385400	17880.2 976.7 680.5 1252.9 1657.1	10
12A CT WATERBURY 12A NY ALBANY 11A NH DURHAM *Percent Service lost with	BLCDT USERRECO	DTVP0068 DTVP0089 DTVP0097 20031022ABL DRD01 Dsal: -12.3	PLN PLN PLN LIC APP to BLCDT	20060619AAS
*Percent Service lost with	proposa.	1: -11.5	to BLCDT	20060619AAS
Result key: 49 Scenario 11 Affected Before Analysis	station	5		
Results for: 11A MA SPRINGF. HAAT 247.0 m, ATV ERP			20060619AAS	LIC
,		OPULATION AR	EA (sq km)	
within Noise Limited Con			21778.9	
not affected by terrain			17880.2	
lost to NTSC IX		148239	976.7	
lost to additional IX by			468.3	
lost to ATV IX only		312311	852.6	
lost to all IX		384909	1445.0	
Potential Interfering Stat	ions Inc	luded in above	Scenario	11
11N NY NEW YORK	BLCT	19810826КН	LIC	
10A CT NEW HAVEN	DTVPLN			
11A PA WILKES-BARRE	DTVPLN			
12A CT WATERBURY	BMPCDT	20040608ABI	CP	
12A NY ALBANY	BPRM	20000413AAC	LIC	
After Analysis				
Results for: 11A MA SPRINGF HAAT 247.0 m, ATV ERP	IELD 10.0 kW	BLCDT	20060619AAS	LIC
		OPULATION AR	EA (sq km)	
within Noise Limited Con		3426452	21778.9	
not affected by terrain	losses	2797190	17880.2	
lost to NTSC IX		148239	976.7	
lost to additional IX by	ATV	256118	748.5	
lost to ATV IX only		360838	1328.9	
lost to all IX		404357	1725.2	
Potential Interfering Stat	ions Inc	luded in above	Scenario	11
11N NY NEW YORK	BLCT	19810826КН	LIC	
10A CT NEW HAVEN	DTVPLN	DTVP0068	PLN	
11A PA WILKES-BARRE	DTVPLN	DTVP0089	PLN	
		, , , , , , , , , , , , , , , , , ,		

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12A CT WATERBURY BMPCDT 20040608ABI CP
12A NY ALBANY BPRM 20000413AAC LIC
11A NH DURHAM USERRECORDO1 APP

*Percent Service lost without proposal: -11.5 to BLCDT 20060619AAS
*Percent Service lost with proposal: -10.6 to BLCDT 20060619AAS
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Result key: 50
Scenario 12 Affected station 5

Before Analysis

HAAT 247.0 m, ATV ERP 10.0 kW Results for: 11A MA SPRINGFIELD

	POPULATION	AREA (sq km)
within Noise Limited Contour	3426452	21778.9
not affected by terrain losses	2797190	17880.2
lost to NTSC IX	148239	976.7
lost to additional IX by ATV	236653	464.3
lost to ATV IX only	312294	844.6
lost to all IX	384892	1441.0

Potential Interfering Stations Included in above Scenario 12

11N	NY	NEW YORK	BLCT	19810826KH	LIC
10A	CT	NEW HAVEN	DTVPLN	DTVP0068	PLN
11A	PΑ	WILKES-BARRE	DTVPLN	DTVP0089	PLN
12A	CT	WATERBURY	BMPCDT	20040608ABI	CP
12A	NY	ALBANY	BLCDT	20031022ABL	LIC

After Analysis

Results for: 11A MA SPRINGFIELD BLCDT 20060619AAS LIC

HAAT 247.0 m, ATV ERP 10.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3426452	21778.9
not affected by terrain losses	2797190	17880.2
lost to NTSC IX	148239	976.7
lost to additional IX by ATV	256101	744.5
lost to ATV IX only	360821	1320.9
lost to all IX	404340	1721.2

Potential Interfering Stations Included in above Scenario 12

11N	NY	NEW YORK	BLCT	19810826KH	LIC
10A	CT	NEW HAVEN	DTVPLN	DTVP0068	PLN
11A	PΑ	WILKES-BARRE	DTVPLN	DTVP0089	PLN
12A	CT	WATERBURY	BMPCDT	20040608ABI	CP
12A	NY	ALBANY	BLCDT	20031022ABL	LIC
11A	NH	DURHAM	USERRECORI	001	APP

*Percent Service lost without proposal: -11.5 to BLCDT 20060619AAS *Percent Service lost with proposal: -10.6 to BLCDT 20060619AAS

51 Result key:

Scenario 13 Affected station 5

Before Analysis

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Results for: 11A MA SPRINGFIELD BLCDT 20060619AAS LIC HAAT 247.0 m, ATV ERP 10.0 kW
  within Noise Limited Contour 3426452 21778.9
  not affected by terrain losses 2797190
                                            17880.2
                    148239
IX by ATV 220697
  lost to NTSC IX
                                             976.7
  lost to additional IX by ATV
                                              432.3
  lost to ATV IX only
                                 297980
                                              852.6
  lost to all IX
                                 368936
                                             1409.0
Potential Interfering Stations Included in above Scenario 13
11N NY NEW YORK
                        BLCT
                                   19810826KH LIC
10A CT NEW HAVEN
                        DTVPLN
                                  DTVP0068 PLN
                       BLCDT 20051123AJX LIC DTVPLN DTVP0097 PLN
11A PA WILKES-BARRE
12A CT WATERBURY
12A NY ALBANY
                         BPRM
                                   20000413AAC LIC
After Analysis
Results for: 11A MA SPRINGFIELD
                                    BLCDT
                                             20060619AAS LIC
  HAAT 247.0 m, ATV ERP 10.0 kW
                         POPULATION AREA (sq km)
  within Noise Limited Contour 3426452 21778.9
                                            17880.2
  not affected by terrain losses 2797190
  lost to NTSC IX
                                 148239
                                              976.7
  lost to additional IX by ATV 239910
                                              704.5
                                 344136
  lost to ATV IX only
                                             1292.9
                                             1681.1
  lost to all IX
                                 388149
Potential Interfering Stations Included in above Scenario
                                                         13
11N NY NEW YORK
                         BLCT
                                   19810826KH LIC
10A CT NEW HAVEN
                        DTVPLN DTVP0068
11A PA WILKES-BARRE
                        BLCDT
                                  20051123AJX LIC
                        DTVPLN DTVP0097 PLN
12A CT WATERBURY
                                  20000413AAC LIC
12A NY ALBANY
                         BPRM
                                              APP
11A NH DURHAM
                         USERRECORD01
*Percent Service lost without proposal: -12.2 to BLCDT 20060619AAS 
*Percent Service lost with proposal: -11.3 to BLCDT 20060619AAS
             52
Result key:
Scenario 14 Affected station 5
Before Analysis
                                    BLCDT 20060619AAS LIC
Results for: 11A MA SPRINGFIELD
  HAAT 247.0 m, ATV ERP 10.0 kW
                              POPULATION AREA (sq km)
  within Noise Limited Contour 3426452
                                           21778.9
  not affected by terrain losses 2797190
                                             17880.2
  lost to NTSC IX
                                 148239
                                              976.7
  lost to additional IX by ATV 220697
                                              432.3
  lost to ATV IX only
                                297980
                                              852.6
  lost to all IX
                                  368936
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Potential Interfering Stations Included in above Scenario 14

11N NY NEW YORK	BLCT	19810826КН	LIC	
10A CT NEW HAVEN	DTVPLN	DTVP0068	PLN	
11A PA WILKES-BARRE	BLCDT	20051123AJX	LTC	
12A CT WATERBURY	DTVPI.N	DTVP0097	DI.N	
12A NY ALBANY	BI.CDT	DTVP0068 20051123AJX DTVP0097 20031022ABL	T.T.C	
IZA NI ADDANI	БЦСБІ	Z00310ZZADI	шс	
After Analysis				
Results for: 11A MA SPRINGE	FIELD	BLCDT	20060619AAS	LIC
HAAT 247.0 m, ATV ERP				
,		PULATION ARE	A (sa km)	
within Noise Limited Cor				
within Noise Limited Cor not affected by terrain	losses	2797190 1	7880.2	
lost to NTSC IX		148239	976.7	
lost to additional IX by				
lost to ATV IX only	'	344136	1292.9	
lost to ATV IX only lost to all IX		388149	1681.1	
1020 00 011 111		000117		
Potential Interfering Stat	ions Incl	uded in above	Scenario 1	4
11N NY NEW YORK	BLCT	19810826КН	T.T.C	
10A CT NEW HAVEN	DTVDI.N	DTVP0068	DT.M	
11A PA WILKES-BARRE	BI.CDT	20051123AJX	T.T.C	
12A CT WATERBURY				
12A CI WATERBORT 12A NY ALBANY		20031022ABL		
11A NH DURHAM			APP	
*Percent Service lost with				20060619779
*Percent Service lost with				
I CI CCIIC DCI VICC IOSC WICI	1 PIOPOBAI			20000017AAD
Result key: 53				
Result key: 53 Scenario 15 Affected				
Result key: 53				
Result key: 53 Scenario 15 Affected Before Analysis	l station	5		
Result key: 53 Scenario 15 Affected Before Analysis Results for: 11A MA SPRINGE	d station	5 BLCDT		
Result key: 53 Scenario 15 Affected Before Analysis	d station FIELD 10.0 kW	5 BLCDT	20060619AAS	
Result key: 53 Scenario 15 Affected Before Analysis Results for: 11A MA SPRINGE HAAT 247.0 m, ATV ERP	d station FIELD 10.0 kW PC	5 BLCDT DPULATION ARE	20060619AAS A (sq km)	
Result key: 53 Scenario 15 Affected Before Analysis Results for: 11A MA SPRINGE HAAT 247.0 m, ATV ERP within Noise Limited Cor	d station FIELD 10.0 kW PO	5 BLCDT DPULATION ARE 3426452 2	20060619AAS A (sq km) 1778.9	
Result key: 53 Scenario 15 Affected Before Analysis Results for: 11A MA SPRINGE HAAT 247.0 m, ATV ERP within Noise Limited Cornot affected by terrain	d station FIELD 10.0 kW PO	5 BLCDT DPULATION ARE 3426452 2 2797190 1	20060619AAS A (sq km) 1778.9 7880.2	
Result key: 53 Scenario 15 Affected Before Analysis Results for: 11A MA SPRINGE HAAT 247.0 m, ATV ERP within Noise Limited Cor not affected by terrain lost to NTSC IX	d station FIELD 10.0 kW PO ntour losses	5 BLCDT DPULATION ARE 3426452 2 2797190 1 148239	20060619AAS A (sq km) 1778.9 7880.2 976.7	
Result key: 53 Scenario 15 Affected Before Analysis Results for: 11A MA SPRINGE HAAT 247.0 m, ATV ERP within Noise Limited Cor not affected by terrain lost to NTSC IX lost to additional IX by	d station FIELD 10.0 kW PO ntour losses	5 BLCDT DPULATION ARE 3426452 2 2797190 1 148239 239414	20060619AAS (A (sq km) 1778.9 7880.2 976.7 492.3	
Result key: 53 Scenario 15 Affected Before Analysis Results for: 11A MA SPRINGE HAAT 247.0 m, ATV ERP within Noise Limited Cor not affected by terrain lost to NTSC IX lost to additional IX by lost to ATV IX only	d station FIELD 10.0 kW PO ntour losses	5 BLCDT DPULATION ARE 3426452 2 2797190 1 148239 239414 317331	20060619AAS (sq km) 1778.9 7880.2 976.7 492.3 912.6	
Result key: 53 Scenario 15 Affected Before Analysis Results for: 11A MA SPRINGE HAAT 247.0 m, ATV ERP within Noise Limited Cor not affected by terrain lost to NTSC IX lost to additional IX by	d station FIELD 10.0 kW PO ntour losses	5 BLCDT DPULATION ARE 3426452 2 2797190 1 148239 239414 317331	20060619AAS (A (sq km) 1778.9 7880.2 976.7 492.3	
Result key: 53 Scenario 15 Affected Before Analysis Results for: 11A MA SPRINGE HAAT 247.0 m, ATV ERP within Noise Limited Cor not affected by terrain lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX	d station FIELD 10.0 kW PO ntour losses ATV	5 BLCDT DPULATION ARE 3426452 2 2797190 1 148239 239414 317331 387653	20060619AAS A (sq km) 1778.9 7880.2 976.7 492.3 912.6 1469.0	LIC
Result key: 53 Scenario 15 Affected Before Analysis Results for: 11A MA SPRINGE HAAT 247.0 m, ATV ERP within Noise Limited Cor not affected by terrain lost to NTSC IX lost to additional IX by lost to ATV IX only	d station FIELD 10.0 kW PO ntour losses ATV	5 BLCDT DPULATION ARE 3426452 2 2797190 1 148239 239414 317331 387653	20060619AAS A (sq km) 1778.9 7880.2 976.7 492.3 912.6 1469.0	
Result key: 53 Scenario 15 Affected Before Analysis Results for: 11A MA SPRINGE HAAT 247.0 m, ATV ERP within Noise Limited Cor not affected by terrain lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX Potential Interfering State	SIELD 10.0 kW PO ntour losses ATV	5 BLCDT PULATION ARE 3426452 2 2797190 1 148239 239414 317331 387653 Luded in above	20060619AAS A (sq km) 1778.9 7880.2 976.7 492.3 912.6 1469.0 Scenario 1	LIC
Result key: 53 Scenario 15 Affected Before Analysis Results for: 11A MA SPRINGE HAAT 247.0 m, ATV ERP within Noise Limited Cornot affected by terrain lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX Potential Interfering State 11N NY NEW YORK	SIELD 10.0 kW PO ntour losses ATV Lions Incl	5 BLCDT DPULATION ARE 3426452 2 2797190 1 148239 239414 317331 387653 Luded in above 19810826KH	20060619AAS A (sq km) 1778.9 7880.2 976.7 492.3 912.6 1469.0 Scenario 1 LIC	LIC
Result key: 53 Scenario 15 Affected Before Analysis Results for: 11A MA SPRINGE HAAT 247.0 m, ATV ERP within Noise Limited Cornot affected by terrain lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX Potential Interfering State 11N NY NEW YORK 10A CT NEW HAVEN	Station FIELD 10.0 kW PO ntour losses ATV Fions Incl BLCT DTVPLN	5 BLCDT DPULATION ARE 3426452 2 2797190 1 148239 239414 317331 387653 Luded in above 19810826KH DTVP0068	20060619AAS A (sq km) 1778.9 7880.2 976.7 492.3 912.6 1469.0 Scenario 1 LIC PLN	LIC
Result key: 53 Scenario 15 Affected Before Analysis Results for: 11A MA SPRINGE HAAT 247.0 m, ATV ERP within Noise Limited Cornot affected by terrain lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX Potential Interfering State 11N NY NEW YORK 10A CT NEW HAVEN 11A PA WILKES-BARRE	E station FIELD 10.0 kW PO PO TOUT LOSSES ATV SLOTT BLCT DTVPLN BLCDT	5 BLCDT PULATION ARE 3426452 2 2797190 1 148239 239414 317331 387653 Luded in above 19810826KH DTVP0068 20051123AJX	20060619AAS A (sq km) 1778.9 7880.2 976.7 492.3 912.6 1469.0 Scenario 1 LIC PLN LIC	LIC
Result key: 53 Scenario 15 Affected Before Analysis Results for: 11A MA SPRINGE HAAT 247.0 m, ATV ERP within Noise Limited Cornot affected by terrain lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX Potential Interfering State 11N NY NEW YORK 10A CT NEW HAVEN 11A PA WILKES-BARRE 12A CT WATERBURY	E station FIELD 10.0 kW PO ntour losses ATV Sions Incl BLCT DTVPLN BLCDT BMPCDT	5 BLCDT DPULATION ARE 3426452 2 2797190 1 148239 239414 317331 387653 Luded in above 19810826KH DTVP0068 20051123AJX 20040608ABI	20060619AAS A (sq km) 1778.9 7880.2 976.7 492.3 912.6 1469.0 Scenario 1 LIC PLN LIC CP	LIC
Result key: 53 Scenario 15 Affected Before Analysis Results for: 11A MA SPRINGE HAAT 247.0 m, ATV ERP within Noise Limited Cornot affected by terrain lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX Potential Interfering State 11N NY NEW YORK 10A CT NEW HAVEN 11A PA WILKES-BARRE	E station FIELD 10.0 kW PO PO TOUT LOSSES ATV SLOTT BLCT DTVPLN BLCDT	5 BLCDT DPULATION ARE 3426452 2 2797190 1 148239 239414 317331 387653 Luded in above 19810826KH DTVP0068 20051123AJX 20040608ABI	20060619AAS A (sq km) 1778.9 7880.2 976.7 492.3 912.6 1469.0 Scenario 1 LIC PLN LIC CP	LIC
Result key: 53 Scenario 15 Affected Before Analysis Results for: 11A MA SPRINGE HAAT 247.0 m, ATV ERP within Noise Limited Cor not affected by terrain lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX Potential Interfering State 11N NY NEW YORK 10A CT NEW HAVEN 11A PA WILKES-BARRE 12A CT WATERBURY 12A NY ALBANY	E station FIELD 10.0 kW PO ntour losses ATV Sions Incl BLCT DTVPLN BLCDT BMPCDT	5 BLCDT DPULATION ARE 3426452 2 2797190 1 148239 239414 317331 387653 Luded in above 19810826KH DTVP0068 20051123AJX 20040608ABI	20060619AAS A (sq km) 1778.9 7880.2 976.7 492.3 912.6 1469.0 Scenario 1 LIC PLN LIC CP	LIC
Result key: 53 Scenario 15 Affected Before Analysis Results for: 11A MA SPRINGE HAAT 247.0 m, ATV ERP within Noise Limited Cornot affected by terrain lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX Potential Interfering State 11N NY NEW YORK 10A CT NEW HAVEN 11A PA WILKES-BARRE 12A CT WATERBURY	E station FIELD 10.0 kW PO ntour losses ATV Sions Incl BLCT DTVPLN BLCDT BMPCDT	5 BLCDT DPULATION ARE 3426452 2 2797190 1 148239 239414 317331 387653 Luded in above 19810826KH DTVP0068 20051123AJX 20040608ABI	20060619AAS A (sq km) 1778.9 7880.2 976.7 492.3 912.6 1469.0 Scenario 1 LIC PLN LIC CP	LIC
Result key: 53 Scenario 15 Affected Before Analysis Results for: 11A MA SPRINGE HAAT 247.0 m, ATV ERP within Noise Limited Cor not affected by terrain lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX Potential Interfering State 11N NY NEW YORK 10A CT NEW HAVEN 11A PA WILKES-BARRE 12A CT WATERBURY 12A NY ALBANY	E station FIELD 10.0 kW PO ntour losses ATV Sions Incl BLCT DTVPLN BLCDT BMPCDT BPRM	5 BLCDT PULATION ARE 3426452 2 2797190 1 148239 239414 317331 387653 Luded in above 19810826KH DTVP0068 20051123AJX 20040608ABI 20000413AAC	20060619AAS A (sq km) 1778.9 7880.2 976.7 492.3 912.6 1469.0 Scenario 1 LIC PLN LIC CP	LIC 5
Result key: 53 Scenario 15 Affected Before Analysis Results for: 11A MA SPRINGE HAAT 247.0 m, ATV ERP within Noise Limited Cor not affected by terrain lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX Potential Interfering State 11N NY NEW YORK 10A CT NEW HAVEN 11A PA WILKES-BARRE 12A CT WATERBURY 12A NY ALBANY After Analysis	E station FIELD 10.0 kW PO PO TOUT LOSSES ATV SIONS INC. BLCT DTVPLN BLCDT BMPCDT BMPCDT BPRM	5 BLCDT DPULATION ARE 3426452 2 2797190 1 148239 239414 317331 387653 Luded in above 19810826KH DTVP0068 20051123AJX 20040608ABI	20060619AAS A (sq km) 1778.9 7880.2 976.7 492.3 912.6 1469.0 Scenario 1 LIC PLN LIC CP LIC	LIC 5

```
POPULATION AREA (sq km)
   within Noise Limited Contour 3426452 21778.9 not affected by terrain losses 2797190 17880.2
   lost to NTSC IX 148239 lost to additional IX by ATV 258850
                                                 976.7
                                                    768.5
   lost to ATV IX only
                                     363826
                                                  1360.9
   lost to all IX
                                     407089
                                                  1745.2
 Potential Interfering Stations Included in above Scenario 15
                           BLCT
11N NY NEW YORK
                                      19810826KH LIC
10A CT NEW HAVEN
                           DTVPLN DTVP0068
                                                    PLN
                          BLCDT 20051123AJX LIC
BMPCDT 20040608ABI CP
11A PA WILKES-BARRE
12A CT WATERBURY
                           BPRM 20000413AAC LIC
12A NY ALBANY
11A NH DURHAM
                            USERRECORD01
                                                    APP
 *Percent Service lost without proposal: -11.4 to BLCDT 20060619AAS
*Percent Service lost with proposal: -10.5 to BLCDT 20060619AAS
Result key: 54
Scenario 16 Affected station
Before Analysis
Results for: 11A MA SPRINGFIELD
                                         BLCDT 20060619AAS LIC
  HAAT 247.0 m, ATV ERP 10.0 kW
                             POPULATION AREA (sq km)
   within Noise Limited Contour 3426452 21778.9 not affected by terrain losses 2797190 17880.2
   lost to NTSC IX 148239 lost to additional IX by ATV 239414
                                                  976.7
                                                    492.3
   lost to ATV IX only
                                     317331
                                                   912.6
   lost to all IX
                                     387653
                                                  1469.0
 Potential Interfering Stations Included in above Scenario 16
                           BLCT
11N NY NEW YORK
                                      19810826KH LIC
                          DTVPLN DTVP0068 PLN
BLCDT 20051123AJX LIC
BMPCDT 20040608ABI CP
BLCDT 20031022ABL LIC
10A CT NEW HAVEN
11A PA WILKES-BARRE
12A CT WATERBURY
12A NY ALBANY
After Analysis
                                  BLCDT 20060619AAS LIC
Results for: 11A MA SPRINGFIELD
   HAAT 247.0 m, ATV ERP 10.0 kW
                                 POPULATION AREA (sq km)
   within Noise Limited Contour 3426452
                                                21778.9
   not affected by terrain losses 2797190
                                                  17880.2
   lost to NTSC IX
                                     148239
                                                   976.7
                                 258850
363826
                                                    768.5
   lost to additional IX by ATV
   lost to ATV IX only
                                                   1360.9
                                      407089
   lost to all IX
                                                   1745.2
 Potential Interfering Stations Included in above Scenario 16
                   BLCT
                                       19810826KH LIC
11N NY NEW YORK
```

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DTVPLN DTVP0068 PLN
BLCDT 20051123AJX LIC
BMPCDT 20040608ABI CP
BLCDT 20031022ABL LIC
10A CT NEW HAVEN
11A PA WILKES-BARRE
12A CT WATERBURY
12A NY ALBANY
                                                    APP
11A NH DURHAM
                            USERRECORD01
*Percent Service lost without proposal: -11.4 to BLCDT 20060619AAS 
*Percent Service lost with proposal: -10.5 to BLCDT 20060619AAS
Result key: 55
Scenario 17 Affected station 5
Before Analysis
                                      BLCDT 20060619AAS LIC
Results for: 11A MA SPRINGFIELD
   HAAT 247.0 m, ATV ERP 10.0 kW
   within Noise Limited Contour 3426452 21778.9
                                                 17880.2
   not affected by terrain losses 2797190
   lost to NTSC IX 188755
lost to additional IX by ATV 197177
lost to ATV IX only 301935
                                                  1140.8
                                                    408.3
   lost to ATV IX only
                                                    844.6
   lost to all IX
                                      385932
                                                   1549.1
 Potential Interfering Stations Included in above Scenario
11N NY NEW YORK
                           BPCT
                                      20040212AAA APP
                           BLCDT
10A CT NEW HAVEN
                                      20040701AEC LIC
                          DTVPLN DTVP0089 PLN
DTVPLN DTVP0097 PLN
11A PA WILKES-BARRE
12A CT WATERBURY
12A NY ALBANY
                                       20000413AAC LIC
                             BPRM
After Analysis
Results for: 11A MA SPRINGFIELD
                                         BLCDT 20060619AAS LIC
   HAAT 247.0 m, ATV ERP 10.0 kW
                              POPULATION AREA (sq km)
   within Noise Limited Contour 3426452
                                                 21778.9
   not affected by terrain losses 2797190
                                                 17880.2
   lost to NTSC IX 188755
lost to additional IX by ATV 209647
lost to ATV IX only 350100
                                                  1140.8
                                                    644.4
   lost to ATV IX only
                                                   1308.9
   lost to all IX
                                      398402
                                                   1785.2
 Potential Interfering Stations Included in above Scenario 17
11N NY NEW YORK
                            BPCT
                                       20040212AAA APP
10A CT NEW HAVEN
                                      20040701AEC LIC
                           BLCDT
                           DTVPLN DTVP0089 PLN
11A PA WILKES-BARRE
12A CT WATERBURY
                           DTVPLN DTVP0097
                                                    PLN
                                       20000413AAC LIC
12A NY ALBANY
                           BPRM
                                                    APP
11A NH DURHAM
                            USERRECORD01
 *Percent Service lost without proposal: -11.4 to BLCDT 20060619AAS 
*Percent Service lost with proposal: -10.9 to BLCDT 20060619AAS
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Result key:

56

Scenario 18 Affected station 5

Before Analysis

Results for: 11A MA SPRINGFIELD BLCDT 20060619AAS LIC HAAT 247.0 m, ATV ERP 10.0 kW POPULATION AREA (sq km) within Noise Limited Contour 3426452 21778.9 not affected by terrain losses 2797190 17880.2 lost to NTSC IX 188755
lost to additional IX by ATV 197160
lost to ATV IX only 201010 1140.8 404.3 lost to ATV IX only 301918 836.6 lost to all IX 385915 1545.1 Potential Interfering Stations Included in above Scenario 18 BPCT 11N NY NEW YORK 20040212AAA APP 10A CT NEW HAVEN BLCDT 20040701AEC LIC
DTVPLN DTVP0089 PLN
DTVPLN DTVP0097 PLN 11A PA WILKES-BARRE 12A CT WATERBURY 12A NY ALBANY BLCDT 20031022ABL LIC After Analysis Results for: 11A MA SPRINGFIELD BLCDT 20060619AAS LIC HAAT 247.0 m, ATV ERP 10.0 kW POPULATION AREA (sq km) within Noise Limited Contour 3426452 21778.9 not affected by terrain losses 2797190 lost to NTSC IX 188755 17880.2 lost to NTSC IX
lost to additional IX by ATV
209630
350083 1140.8 640.4 lost to ATV IX only 1300.9 lost to all IX 398385 1781.2 Potential Interfering Stations Included in above Scenario 18 11N NY NEW YORK BPCT 20040212AAA APP 10A CT NEW HAVEN BLCDT 20040701AEC LIC 11A PA WILKES-BARRE DTVPLN DTVP0089 PLN
DTVPLN DTVP0097 PLN
BLCDT 20031022ABL LIC 12A CT WATERBURY 12A NY ALBANY USERRECORD01 11A NH DURHAM APP *Percent Service lost without proposal: -11.4 to BLCDT 20060619AAS *Percent Service lost with proposal: -10.9 to BLCDT 20060619AAS Result key: 57
Scenario 19 Affected station 5 57 Before Analysis Results for: 11A MA SPRINGFIELD BLCDT 20060619AAS LIC HAAT 247.0 m, ATV ERP 10.0 kW POPULATION AREA (sq km) within Noise Limited Contour 3426452 21778.9 not affected by terrain losses 2797190 17880.2 lost to NTSC IX 188755 1140.8 lost to additional IX by ATV 228631 488.3 lost to ATV IX only 320787 928.6 lost to all IX 417386 1629.1 lost to all IX

Potential Interfering Stations Included in above Scenario 19

11A PA WILKES-BARRE DTVPLN DTVP0089 PLN 12A CT WATERBURY BMPCDT 20040608ABI CP 12A NY ALBANY BPRM 20000413AAC LIC

After Analysis

Results for: 11A MA SPRINGFIELD BLCDT 20060619AAS LIC

HAAT 247.0 m, ATV ERP 10.0 kW

POPULATION AREA (sq km) within Noise Limited Contour 3426452 21778.9 not affected by terrain losses 2797190 17880.2 lost to NTSC IX 188755 lost to additional IX by ATV 241101 1140.8 724.5 lost to ATV IX only 369291 1401.0 lost to all IX 429856 1865.3

Potential Interfering Stations Included in above Scenario 19

BPCT 20040212AAA APP BLCDT 20040701AEC 1.C 11N NY NEW YORK 10A CT NEW HAVEN DTVPLN DTVP0089 PLN BMPCDT 20040608ABI CP 11A PA WILKES-BARRE 12A CT WATERBURY BPRM 20000413AAC LIC 12A NY ALBANY 11A NH DURHAM USERRECORD01 APP

*Percent Service lost without proposal: -10.0 to BLCDT 20060619AAS
*Percent Service lost with proposal: -9.4 to BLCDT 20060619AAS

Result key: 58
Scenario 20 Affected station 5

Before Analysis

Results for: 11A MA SPRINGFIELD BLCDT 20060619AAS LIC

HAAT 247.0 m, ATV ERP 10.0 kW

POPULATION AREA (sq km) within Noise Limited Contour 3426452 21778.9 not affected by terrain losses 2797190 17880.2 lost to additional IX by ATV 228614 lost to ATV IX only 1140.8 484.3 lost to ATV IX only 920.6 1625.1 lost to all IX 417369

Potential Interfering Stations Included in above Scenario 20

BPCT 11N NY NEW YORK 20040212AAA APP BLCDT 20040701AEC LIC DTVPLN DTVP0089 PLN BMPCDT 20040608ABI CP 10A CT NEW HAVEN 11A PA WILKES-BARRE 12A CT WATERBURY 12A NY ALBANY BLCDT 20031022ABL LIC

After Analysis

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Results for: 11A MA SPRINGFIELD BLCDT 20060619AAS LIC HAAT 247.0 m, ATV ERP 10.0 kW
  within Noise Limited Contour 3426452 21778.9
  not affected by terrain losses 2797190
                                          17880.2
  lost to NTSC IX
                    188755
                                           1140.8
  lost to additional IX by ATV
                               241084
                                             720.5
  lost to ATV IX only
                                369274
                                            1393.0
  lost to all IX
                                 429839
                                            1861.3
Potential Interfering Stations Included in above Scenario
                                                       2.0
11N NY NEW YORK
                       BPCT
                                 20040212AAA APP
10A CT NEW HAVEN
                        BLCDT
                                 20040701AEC LIC
                       DTVPLN DTVP0089
11A PA WILKES-BARRE
                                          PLN
                                 20040608ABI CP
12A CT WATERBURY
                        BMPCDT
12A NY ALBANY
                        BLCDT
                                  20031022ABL LIC
11A NH DURHAM
                        USERRECORD01
                                             APP
*Percent Service lost without proposal: -10.0 to BLCDT
                                                       20060619AAS
*Percent Service lost with proposal:
                                      -9.4 to BLCDT
                                                        20060619AAS
Result key:
Scenario 21 Affected station 5
Before Analysis
Results for: 11A MA SPRINGFIELD
                                   BLCDT 20060619AAS LIC
  HAAT 247.0 m, ATV ERP 10.0 kW
  within Noise Limited Contour 3426452 21778.9
  not affected by terrain losses 2797190
                                           17880.2
                             188755
200007
  lost to NTSC IX
                                           1140.8
  lost to additional IX by ATV
                                            432.3
  lost to ATV IX only
                                306932
                                            900.6
  lost to all IX
                                388762
                                            1573.1
Potential Interfering Stations Included in above Scenario
                                                       2.1
11N NY NEW YORK
                        BPCT
                                 20040212AAA APP
                       BLCDT
10A CT NEW HAVEN
                                  20040701AEC LIC
                                20051123AJX LIC
11A PA WILKES-BARRE
                       BLCDT
12A CT WATERBURY
                       DTVPLN DTVP0097 PLN
                                 20000413AAC LIC
12A NY ALBANY
                        BPRM
After Analysis
                                   BLCDT 20060619AAS LIC
Results for: 11A MA SPRINGFIELD
  HAAT 247.0 m, ATV ERP 10.0 kW
                             POPULATION AREA (sq km)
  within Noise Limited Contour 3426452
                                          21778.9
  not affected by terrain losses 2797190
                                           17880.2
                                           1140.8
  lost to NTSC IX
                                188755
                               212465
  lost to additional IX by ATV
                                            664.5
  lost to ATV IX only
                                353088
                                            1340.9
  lost to all IX
                                 401220
```

Potential Interfering Stations Included in above Scenario

11N NY NEW YORK 10A CT NEW HAVEN 11A PA WILKES-BARRE 12A CT WATERBURY 12A NY ALBANY 11A NH DURHAM *Percent Service lost with *Percent Service lost with	BLCDT DTVPLN BPRM	200407 200511 DTVP00 200004	L23AJX)97 113AAC	LIC LIC PLN LIC	20060619AAS 20060619AAS
Result key: 60 Scenario 22 Affected Before Analysis	station	Ę	5		
Results for: 11A MA SPRINGF HAAT 247.0 m, ATV ERP	10.0 kW			20060619AAS	LIC
within Noise Limited Con not affected by terrain lost to NTSC IX	tour 3 losses 2	797190 188755	2: 1:	1140.8	
lost to additional IX by lost to ATV IX only lost to all IX		306932		900.6	
Potential Interfering Stat	ions Inclu	ded in	above	Scenario 2	2
11N NY NEW YORK 10A CT NEW HAVEN 11A PA WILKES-BARRE 12A CT WATERBURY 12A NY ALBANY		200407 200511 DTVP00		LIC LIC PLN	
After Analysis					
Results for: 11A MA SPRINGF HAAT 247.0 m, ATV ERP	10.0 kW				LIC
within Noise Limited Con not affected by terrain lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX	tour 3 losses 2 ATV	426452	2.1	A (sq km) 1778.9 7880.2 1140.8 664.5 1340.9 1805.2	
Potential Interfering Stat	ions Inclu	ded in	above :	Scenario 2	2
11N NY NEW YORK 10A CT NEW HAVEN 11A PA WILKES-BARRE 12A CT WATERBURY 12A NY ALBANY 11A NH DURHAM *Percent Service lost with	BPCT BLCDT BLCDT DTVPLN BLCDT USERRECOR out propos	200407 200511 DTVP00 200310)22ABL	APP LIC LIC PLN LIC APP to BLCDT	20060619AAS
*Percent Service lost with	proposal:			to BLCDT	20060619AAS

Result key: 61
Scenario 23 Affected station 5

Before Analysis

Results for: 11A MA SPRINGFIELD BLCDT 20060619AAS LIC

HAAT 247.0 m, ATV ERP 10.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3426452	21778.9
not affected by terrain losses	2797190	17880.2
lost to NTSC IX	188755	1140.8
lost to additional IX by ATV	231461	512.3
lost to ATV IX only	325784	984.7
lost to all IX	420216	1653.1

Potential Interfering Stations Included in above Scenario 23

11N NY	NEW YORK	BPCT	20040212AAA	APP
10A CT	NEW HAVEN	BLCDT	20040701AEC	LIC
11A PA	WILKES-BARRE	BLCDT	20051123AJX	LIC
12A CT	WATERBURY	BMPCDT	20040608ABI	CP
12A NY	ALBANY	BPRM	20000413AAC	LIC

After Analysis

Results for: 11A MA SPRINGFIELD BLCDT 20060619AAS LIC HAAT 247.0 m, ATV ERP 10.0 kW
POPULATION AREA (sq km)

	POPULATION	AREA (sq km)
within Noise Limited Contour	3426452	21778.9
not affected by terrain losses	2797190	17880.2
lost to NTSC IX	188755	1140.8
lost to additional IX by ATV	243919	744.5
lost to ATV IX only	372279	1433.0
lost to all IX	432674	1885.3

Potential Interfering Stations Included in above Scenario 23

11N	NY	NEW YORK	BPCT	20040212AAA	APP
10A	CT	NEW HAVEN	BLCDT	20040701AEC	LIC
11A	PA	WILKES-BARRE	BLCDT	20051123AJX	LIC
12A	CT	WATERBURY	BMPCDT	20040608ABI	CP
12A	NY	ALBANY	BPRM	20000413AAC	LIC
11A	NH	DURHAM	USERRECORI	001	APP

*Percent Service lost without proposal: -9.9 to BLCDT 20060619AAS *Percent Service lost with proposal: -9.3 to BLCDT 20060619AAS

Result key: 62
Scenario 24 Affected station 5

Before Analysis

BLCDT 20060619AAS LIC Results for: 11A MA SPRINGFIELD

HAAT 247.0 m, ATV ERP 10.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3426452	21778.9
not affected by terrain losses	2797190	17880.2
lost to NTSC IX	188755	1140.8
lost to additional IX by ATV	231461	512.3

lost to ATV IX only		325784	984.7	
lost to all IX		420216	1653.1	
				0.4
Potential Interfering Stat	ions Incl	uded in above	Scenario	24
11n ny new york	BPCT	20040212AAA	APP	
10A CT NEW HAVEN	BLCDT	20040701AEC		
11A PA WILKES-BARRE	BLCDT	20051123AJX		
12A CT WATERBURY	BMPCDT	20040608ABI	CP	
12A NY ALBANY	BLCDT	20031022ABL	LIC	
After Analysis				
Results for: 11A MA SPRINGF	ד די די די	BLCDT	20060619AA	C IIC
HAAT 247.0 m, ATV ERP		РГСЛІ	20000019AA	2 11.0
HAAI 247.0 M, AIV ERF		PULATION ARI	EA (sq km)	
within Noise Limited Con			21778.9	
not affected by terrain			17880.2	
lost to NTSC IX	TOBBCB	188755	1140.8	
lost to additional IX by	Δ T'\7	243919	744.5	
lost to ATV IX only	AIV	372279	1433.0	
lost to all IX		432674	1885.3	
1050 00 011 121		132071	1003.3	
Potential Interfering Stat	ions Incl	uded in above	Scenario	24
11n ny new york	BPCT	20040212AAA	∆ DD	
10A CT NEW HAVEN	BLCDT	20040701AEC		
11A PA WILKES-BARRE	BLCDT	20051123AJX		
12A CT WATERBURY	BMPCDT			
12A CI WATERBORI 12A NY ALBANY	BLCDT			
11A NH DURHAM	USERRECO		APP	
*Percent Service lost with				20060619AAS
*Percent Service lost with				20060619AAS
refeelie berviee 10be wieli	propobar	J. 3	CO BECDI	200000131115
Result key: 63				
Scenario 25 Affected	station	5		
Before Analysis				
Results for: 11A MA SPRINGF	TEI.D	BLCDT	20060619AA	S T.T.C
HAAT 247.0 m, ATV ERP		БЦСБІ	2000001JAA	5 LIC
21/10, 1111 2111		PULATION ARI	EA (sq km)	
within Noise Limited Con	_		21778.9	
not affected by terrain			17880.2	
lost to NTSC IX	102202	188755	1140.8	
lost to additional IX by	ΔTV	189865	388.3	
lost to ATV IX only	211 V	292960	792.5	
lost to all IX		378620	1529.0	
1050 to all ix		370020	1327.0	
Potential Interfering Stat	ions Incl	uded in above	Scenario	25
11n ny new york	BPCT	20040212AAA	APP	
11N NY NEW YORK 10A CT NEW HAVEN				
	DTVPLN	DTVP0068	PLN	
11A PA WILKES-BARRE	DTVPLN	DTVP0089	PLN	
12A CT WATERBURY	DTVPLN	DTVP0097	PLN	
12A NY ALBANY	BPRM	20000413AAC	ПТС	

After Analysis

Results for: 11A MA SPRINGFIELD BLCDT 20060619AAS LIC HAAT 247.0 m, ATV ERP 10.0 kW POPULATION AREA (sq km) within Noise Limited Contour 3426452 21778.9 not affected by terrain losses 2797190 17880.2 lost to NTSC IX lost to additional IX by ATV 188755 1140.8 202358 628.4 lost to ATV IX only 341148 1260.9 lost to all IX 391113 1769.2 Potential Interfering Stations Included in above Scenario 25 11N NY NEW YORK BPCT 20040212AAA APP 10A CT NEW HAVEN DTVPLN DTVP0068 PLN 11A PA WILKES-BARRE DTVPLN DTVP0089 PLNDTVP0097 12A CT WATERBURY DTVPLN 20000413AAC LIC 12A NY ALBANY BPRM 11A NH DURHAM USERRECORD01 *Percent Service lost without proposal: -11.8 to BLCDT
*Percent Service lost with proposal: -11.2 to BLCDT 20060619AAS 20060619AAS Result key: 64 Scenario 26 Affected station 5 Before Analysis BLCDT 20060619AAS LIC Results for: 11A MA SPRINGFIELD HAAT 247.0 m, ATV ERP 10.0 kW POPULATION AREA (sq km) within Noise Limited Contour 3426452 21778.9 17880.2 not affected by terrain losses 2797190 188755 189848 lost to NTSC IX 1140.8 lost to additional IX by ATV 384.3 lost to ATV IX only 784.5 292943 lost to all IX 378603 1525.0 Potential Interfering Stations Included in above Scenario 26 11N NY NEW YORK BPCT 20040212AAA APP 10A CT NEW HAVEN DTVPLN DTVP0068 PLN DTVPLN DTVP0089 11A PA WILKES-BARRE DT.N PLN DTVPLN 12A CT WATERBURY DTVP0097 12A NY ALBANY BLCDT 20031022ABL LIC After Analysis Results for: 11A MA SPRINGFIELD BLCDT 20060619AAS LIC HAAT 247.0 m, ATV ERP 10.0 kW POPULATION AREA (sq km) within Noise Limited Contour 3426452 21778.9 not affected by terrain losses 2797190 17880.2 lost to NTSC IX
lost to additional IX by ATV 202341
202341
341131 1140.8 188755 624.4 lost to ATV IX only 1252.9 lost to all IX 1765.2 391096

Potential Interfering Stat	ions Inclu	ded in above	Scenario	26
11N NY NEW YORK	BPCT	20040212AAA	APP	
10A CT NEW HAVEN	DTVPLN	DTVP0068	PLN	
11A PA WILKES-BARRE				
12A CT WATERBURY	DTVPLN	DTVP0097	PLN	
12A NY ALBANY	BLCDT	20031022ABL	LIC	
11A NH DURHAM	USERRECOR	D01	APP	
*Percent Service lost with	out propos	al: -11.8	to BLCDT	20060619AAS
*Percent Service lost with	proposal:	-11.2	to BLCDT	20060619AAS
Result key: 65				
Scenario 27 Affected	station	5		
Before Analysis				
Results for: 11A MA SPRINGF			20060619AAS	B LIC
HAAT 247.0 m, ATV ERP			17) /	
within Mains Timited Con-		ULATION ARE		
within Noise Limited Con				
not affected by terrain lost to NTSC IX				
		188755		
lost to additional IX by	AIV .	223300 212211	400.3	
lost to ATV IX only lost to all IX		312311 414123	852.6	
iost to all ix		414123	1001.1	
Potential Interfering Stat	ions Inclu	ded in above	Scenario	27
11N NY NEW YORK	BPCT	20040212AAA	APP	
10A CT NEW HAVEN				
11A PA WILKES-BARRE				
12A CT WATERBURY				
12A NY ALBANY		20000413AAC		
After Analysis				
Arter Analysis				
Results for: 11A MA SPRINGF			20060619AAS	LIC
HAAT 247.0 m, ATV ERP	10.0 kW			
		ULATION ARE	CA (sq km)	
within Noise Limited Con			21778.9	
not affected by terrain			7880.2	
lost to NTSC IX		188755	1140.8	
lost to additional IX by		237861	700.5	
lost to ATV IX only		360838	1328.9	
lost to all IX	•	426616	1841.3	
Potential Interfering Stat	ions Inclu	ded in above	Scenario	27
11N NY NEW YORK	BPCT	20040212AAA	APP	
10A CT NEW HAVEN	DTVPLN	DTVP0068	PLN	
11A PA WILKES-BARRE	DTVPLN	DTVP0089	PLN	
12A CT WATERBURY	BMPCDT	20040608ABI	CP	
12A NY ALBANY	BPRM	20000413AAC	LIC	
11A NH DURHAM	USERRECOR		APP	
*Percent Service lost with				20060619AAS
*Percent Service lost with				20060619AAS
	_ -			

Result key: 66 Scenario 28 Affected station 5

Before Analysis

Results for: 11A MA SPRINGFIELD BLCDT 20060619AAS LIC

HAAT 247.0 m, ATV ERP 10.0 kW

POPULATION AREA (sq km) within Noise Limited Contour 3426452 21778.9 not affected by terrain losses 2797190 17880.2 lost to NTSC IX 188755
lost to additional IX by ATV 225351
lost to ATV IX only 210001 1140.8 456.3 lost to ATV IX only 312294 844.6 lost to all IX 414106 1597.1

Potential Interfering Stations Included in above Scenario 28

11N NY NEW YORK BPCT 20040212AAA APP 10A CT NEW HAVEN DTVPLN DTVP0068 PLN DTVPLN DTVP0089 PLN BMPCDT 20040608ABI CP 11A PA WILKES-BARRE PLN12A CT WATERBURY BLCDT 20031022ABL LIC 12A NY ALBANY

After Analysis

Results for: 11A MA SPRINGFIELD BLCDT 20060619AAS LIC

HAAT 247.0 m, ATV ERP 10.0 kW

POPULATION AREA (sq km) within Noise Limited Contour 3426452 21778.9 not affected by terrain losses 2797190 17880.2 lost to NTSC IX 188755 lost to additional IX by ATV 237844 1140.8 696.5 lost to ATV IX only 360821 1320.9 lost to all IX 426599 1837.3

Potential Interfering Stations Included in above Scenario 28

11N NY NEW YORK BPCT 20040212AAA APP DTVPLN DTVP0068 PLN 10A CT NEW HAVEN DTVPLN DTVP0089
BMPCDT 20040608AB1 11A PA WILKES-BARRE 12A CT WATERBURY 20040608ABI CP 20031022ABL LIC 12A NY ALBANY BLCDT 11A NH DURHAM

11A NH DURHAM USERRECORD01 APP

*Percent Service lost without proposal: -10.1 to BLCDT 20060619AAS

*Percent Service lost with proposal: -9.6 to BLCDT 20060619AAS

67 Result key:

Scenario 29 Affected station 5

Before Analysis

Results for: 11A MA SPRINGFIELD BLCDT 20060619AAS LIC

HAAT 247.0 m, ATV ERP 10.0 kW

POPULATION AREA (sq km)

within Noise Limited Contour 3426452 21778.9

lost to NTSC IX		188755	1140.8	
lost to additional IX by	ATV	192718	416.3	
lost to ATV IX only		297980	852.6	
lost to all IX		381473	1557.1	
1050 CO AII IX		301473	1337.1	
Potential Interfering State	ions Incl	uded in above	Scenario	29
11N NY NEW YORK	BPCT	20040212AAA	APP	
11A PA WILKES-BARRE	DTVPLN BLCDT	20051123AJX		
12A CT WATERBURY	DICDIN	DTVP0097	DIM	
12A CI WAIERDURI	DIANT	20000413AAC	FLIN	
12A NY ALBANY	BPKM	20000413AAC	LIC	
After Analysis				
Results for: 11A MA SPRINGF	IELD	BLCDT	20060619AAS	LIC
HAAT 247.0 m, ATV ERP		22021	200000171110	
		PULATION ARE	CA (sq km)	
within Noise Limited Con			1778.9	
not affected by terrain	loggog	7707100 1	7880.2	
local to NEGG TV	TOSSES .	188755	1140 0	
lost to NTSC IX	3 (77) 7	188/55	1140.8	
lost to additional IX by				
lost to ATV IX only		344136	1292.9	
lost to all IX		393931	1789.2	
Potential Interfering Stat	ions Incl	uded in above	Scenario	29
11N NY NEW YORK	BPCT	20040212AAA	7. D.D.	
	DECT.	DTVP0068		
11A PA WILKES-BARRE				
12A CT WATERBURY		DTVP0097		
12A NY ALBANY	BPRM			
11A NH DURHAM	USERRECO	RD01	APP	
*Percent Service lost with	out propos	sal: -11.6	to BLCDT	20060619AAS
*Percent Service lost with	proposal	-11.1	to BLCDT	20060619AAS
Result key: 68				
Scenario 30 Affected	station	5		
Before Analysis				
D 3. 6 . 112		D. 600	0000001077	
Results for: 11A MA SPRINGF		BLCD.L.	20060619AAS	LIC
HAAT 247.0 m, ATV ERP				
		PULATION ARE		
within Noise Limited Con	tour :	3426452 2	1778.9	
not affected by terrain	losses 2	2797190 1	.7880.2	
lost to NTSC IX		188755	1140.8	
lost to additional IX by	ATV	192718	416.3	
lost to ATV IX only		297980	852.6	
lost to all IX		381473	1557.1	
Potential Interfering Stat	ions Incl	uded in above	Scenario	30
11M MY MINE MODY	DD CIE	2004001077	3.DD	
11N NY NEW YORK	BPCT	20040212AAA	APP	
10A CT NEW HAVEN	DTVPLN	DTVP0068		
11A PA WILKES-BARRE	BLCDT	20051123AJX		
12A CT WATERBURY	DTVPLN	DTVP0097	PLN	

After Analysis

Results for: 11A MA SPRINGFIELD BLCDT 20060619AAS LIC

HAAT 247.0 m, ATV ERP 10.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3426452	21778.9
not affected by terrain losses	2797190	17880.2
lost to NTSC IX	188755	1140.8
lost to additional IX by ATV	205176	648.4
lost to ATV IX only	344136	1292.9
lost to all IX	393931	1789.2

Potential Interfering Stations Included in above Scenario 30

11N	NY	NEW YORK	BPCT	20040212AAA	APP
10A	CT	NEW HAVEN	DTVPLN	DTVP0068	PLN
11A	PA	WILKES-BARRE	BLCDT	20051123AJX	LIC
12A	CT	WATERBURY	DTVPLN	DTVP0097	PLN
12A	NY	ALBANY	BLCDT	20031022ABL	LIC
11A	NH	DURHAM	USERRECORI	001	APP

*Percent Service lost without proposal: -11.6 to BLCDT 20060619AAS *Percent Service lost with proposal: -11.1 to BLCDT 20060619AAS

Result key: 69

Scenario 31 Affected station 5

Before Analysis

Results for: 11A MA SPRINGFIELD BLCDT 20060619AAS LIC

HAAT 247.0 m, ATV ERP 10.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3426452	21778.9
not affected by terrain losses	2797190	17880.2
lost to NTSC IX	188755	1140.8
lost to additional IX by ATV	228221	488.3
lost to ATV IX only	317331	912.6
lost to all IX	416976	1629.1

Potential Interfering Stations Included in above Scenario 31

11N	NY	NEW YORK	BPCT	20040212AAA	APP
10A	CT	NEW HAVEN	DTVPLN	DTVP0068	PLN
11A	PΑ	WILKES-BARRE	BLCDT	20051123AJX	LIC
12A	CT	WATERBURY	BMPCDT	20040608ABI	CP
12A	NY	ALBANY	BPRM	20000413AAC	LIC

After Analysis

Results for: 11A MA SPRINGFIELD BLCDT 20060619AAS LIC

HAAT 247.0 m, ATV ERP 10.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3426452	21778.9
not affected by terrain losses	2797190	17880.2
lost to NTSC IX	188755	1140.8
lost to additional IX by ATV	240679	720.5

lost to ATV IX only		363826	1360.9	
lost to all IX		429434	1861.3	
Potential Interfering Stat	ions Incl	uded in above	Scenario	31
11N NY NEW YORK	BPCT	20040212AAA	APP	
10A CT NEW HAVEN				
11A PA WILKES-BARRE	DTVPLN BLCDT			
12A CT WATERBURY		20040608ABI	CP	
12A NY ALBANY	BPRM			
11A NH DURHAM		RD01		
*Percent Service lost with				
*Percent Service lost with	proposal	-9.4	CO BECDI	20060619AAS
Pogult kov: 70				
Result key: 70 Scenario 32 Affected	station	5		
Before Analysis	beacton	3		
Dozulta for 112 M2 CDDINGE	TEL D	DI ODE	2006061077	T.T.C
Results for: 11A MA SPRINGF. HAAT 247.0 m, ATV ERP		BLCDI	20060619AAS	LIC
MAAI 247.0 M, AIV EKE		PULATION ARE	EA (sq km)	
within Noise Limited Con			21778.9	
not affected by terrain			L7880.2	
lost to NTSC IX		188755	1140.8	
lost to additional IX by	ATV	228221	488.3	
lost to ATV IX only			912.6	
lost to all IX		416976	1629.1	
Potential Interfering Stat.	ions Incl	uded in above	Scenario	32
11N NY NEW YORK	BPCT	20040212AAA	APP	
10A CT NEW HAVEN	DTVPLN	DTVP0068	PLN	
11A PA WILKES-BARRE	BLCDT	20051123AJX		
12A CT WATERBURY	BMPCDT BLCDT	20040608ABI		
12A NY ALBANY	BPCD.I.	20031022ABL	LIC	
After Analysis				
Results for: 11A MA SPRINGF	IELD	BLCDT	20060619AAS	LIC
HAAT 247.0 m, ATV ERP	10.0 kW			
			EA (sq km)	
within Noise Limited Con			21778.9	
not affected by terrain lost to NTSC IX	losses .		L7880.2 1140.8	
lost to MISC IX	Δ Τ'7.7		720.5	
lost to ATV IX only	AIV	363826	1360.9	
lost to all IX		429434	1861.3	
Potential Interfering Stat	ions Incl	uded in above	Scenario	32
11N NY NEW YORK	BPCT	20040212AAA	APP	
10A CT NEW HAVEN	DTVPLN	DTVP0068	PLN	
11A PA WILKES-BARRE	BLCDT	20051123AJX		
12A CT WATERBURY		20040608ABI		
12A NY ALBANY 11A NH DURHAM	BLCDT USERRECOI			
TIM NU DOKUWM	ODEKKECO	YDUT	APP	

*Percent Service lost without proposal: -10.0 to BLCDT 20060619AAS
*Percent Service lost with proposal: -9.4 to BLCDT 20060619AAS

Analysis of Interference to Affected Station 6

NTSC Baseline Analysis

Channel Call City/State Application Ref. No.
11 WPIX NEW YORK NY DTVPLN -NPLN0731

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Applicat	ion Ref. No.
10	WTNH-DT	NEW HAVEN CT	119.0	PLN	DTVPLN	-DTVP0068
10	WTEN	ALBANY NY	214.0	PLN	DTVPLN	-NPLN0671
10	WCAU	PHILADELPHIA PA	127.5	PLN	DTVPLN	-NPLN0678
11	WWLP-DT	SPRINGFIELD MA	187.6	PLN	DTVPLN	-DTVP0084
11	WBALTV	BALTIMORE MD	271.7	PLN	DTVPLN	-NPLN0717
11	WENHTV	DURHAM NH	358.8	PLN	DTVPLN	-NPLN0728
11	WBRE-DT	WILKES-BARRE PA	164.2	PLN	DTVPLN	-DTVP0089
12	WTXX-DT	WATERBURY CT	122.3	PLN	DTVPLN	-DTVP0097
12	WHYYTV	WILMINGTON DE	127.8	PLN	DTVPLN	-NPLN0757

Results for: 11N NY NEW YORK DTVPLN NPLN0731 PLN

within Noise Limited Contour 19840695 29001.2 not affected by terrain losses 19321562 26146.6 lost to NTSC IX 792015 2878.6 lost to additional IX by ATV 98808 495.1 lost to all IX 890823 3373.6

Analysis of current record

Channel Call City/State Application Ref. No.

11 WPIX NEW YORK NY BPCT -20040212AAA

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	on Ref. No.
10	WTNH	NEW HAVEN CT	114.6	LIC	BLCDT	-20040701AEC
10	WTNH-DT	NEW HAVEN CT	114.6	PLN	DTVPLN	-DTVP0068
10	WTEN	ALBANY NY	210.0	LIC	BLCT	-1285
10	WCAU	PHILADELPHIA PA	131.8	LIC	BLCT	-20041119AEQ
11	WWLP-DT	SPRINGFIELD MA	183.0	PLN	DTVPLN	-DTVP0084
11	WWLP	SPRINGFIELD MA	183.0	LIC	BLCDT	-20060619AAS
11	WBAL-TV	BALTIMORE MD	275.8	LIC	BLCT	-20000707AEB
11	WENH-TV	DURHAM NH	354.2	LIC	BMLET	-19960516KH
11	WBRE-DT	WILKES-BARRE PA	165.1	PLN	DTVPLN	-DTVP0089
11	WBRE-TV	WILKES-BARRE PA	165.6	LIC	BLCDT	-20051123AJX
12	WTXX-DT	WATERBURY CT	117.8	PLN	DTVPLN	-DTVP0097
12	WTXX	WATERBURY CT	143.4	CP MOD	BMPCDT	-20040608ABI
12	WHYY-TV	WILMINGTON DE	132.0	LIC	BLET	-19940707KE
12	WNYT-DR	ALBANY NY	208.8	LIC	BPRM	-20000413AAC
12	WNYT	ALBANY NY	208.6	LIC	BLCDT	-20031022ABL

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12 WBNG-TV BINGHAMTON NY 219.3 LIC BLCT -19870821KE
11 WENH-D11 DURHAM NH 354.2 APP USERRECORD-01
Proposal causes no interference
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Analysis of Interference to Affected Station 7

Analysis of current record

Channel Call City/State Application Ref. No.
11 WPIX NEW YORK NY BLCT -19810826KH

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	on Ref. No.	
10	WTNH	NEW HAVEN CT	119.0	LIC	BLCDT	-20040701AEC	
10	WTNH-DT	NEW HAVEN CT	119.0	PLN	DTVPLN	-DTVP0068	
10	WTEN	ALBANY NY	214.0	LIC	BLCT	-1285	
10	WCAU	PHILADELPHIA PA	127.6	LIC	BLCT	-20041119AEQ	
11	WWLP-DT	SPRINGFIELD MA	187.6	PLN	DTVPLN	-DTVP0084	
11	WWLP	SPRINGFIELD MA	187.6	LIC	BLCDT	-20060619AAS	
11	WBAL-TV	BALTIMORE MD	271.7	LIC	BLCT	-20000707AEB	
11	WENH-TV	DURHAM NH	358.8	LIC	BMLET	-19960516КН	
11	WBRE-DT	WILKES-BARRE PA	164.2	PLN	DTVPLN	-DTVP0089	
11	WBRE-TV	WILKES-BARRE PA	164.7	LIC	BLCDT	-20051123AJX	
12	WTXX-DT	WATERBURY CT	122.3	PLN	DTVPLN	-DTVP0097	
12	WTXX	WATERBURY CT	148.0	CP MOD	BMPCDT	-20040608ABI	
12	WHYY-TV	WILMINGTON DE	127.8	LIC	BLET	-19940707KE	
12	WNYT-DR	ALBANY NY	212.9	LIC	BPRM	-20000413AAC	
12	WNYT	ALBANY NY	212.7	LIC	BLCDT	-20031022ABL	
11	WENH-D11	DURHAM NH	358.8	APP	USERRECORI	0-01	
Proposal causes no interference							

Analysis of Interference to Affected Station 8

DTV Baseline Analysis

Channel Call City/State Application Ref. No.
12 WTXX-DT WATERBURY CT DTVPLN -DTVP0097

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Applicat	cion Ref. No.
11	WWLP-DT	SPRINGFIELD MA	68.2	PLN	DTVPLN	-DTVP0084
11	WPIX	NEW YORK NY	122.3	PLN	DTVPLN	-NPLN0731
12	WHYYTV	WILMINGTON DE	248.7	PLN	DTVPLN	-NPLN0757
12	WBNGTV	BINGHAMTON NY	250.4	PLN	DTVPLN	-NPLN0786
12	WPRITV	PROVIDENCE RI	149.5	PLN	DTVPLN	-NPLN0793
13	WNET	NEWARK NJ	122.3	PLN	DTVPLN	-NPLN0850
13	WNYT	ALBANY NY	149.6	PLN	DTVPLN	-NPLN0853
13	WPRI-DT	PROVIDENCE RI	149.5	PLN	DTVPLN	-DTVP0118

18								
POPULATION AREA (sq km)					DTVPLI	N DTV	P0097	PLN
Not affected by terrain losses				POPULA			_	
lost to NTSC IX					112	23829	. 2	
Lost to additional IX by ATV	no	t affecte	ed by terrain los:	ses 5374	699	21841	.8	
Lost to all IX	10	st to NTS	SC IX	471	072	2238	.9	
Lost to all IX	10	st to add	litional IX by AT	V 184	284	283	.3	
NTSC Baseline Analysis Channel Call City/State Application Ref. No.								
NTSC Baseline Analysis Channel Call City/State Application Ref. No.								
Channel Call							-	
Channel Call	NTCC	Bacalina	Analygig					
Stations Potentially Affecting This Station			_	v/State	7\1	onlicati	on Pef N	ĪO
Chan Call City/State Dist(km) Status Application Ref. No.					A			
Chan Call City/State Dist(km) Status Application Ref. No.	20	WIZ	X WATERBOR	1 (1		DIVELL	INETIN	11070
17		Stations	Potentially Affe	cting This	Statio	on		
18	Chan	Call	City/State	Di	st(km)	Status	Applicat	ion Ref. No.
19	17	WOST-DT	BLOCK ISLAND RI		102.7	PLN	DTVPLN	-DTVP0279
19	18	WHCTTV	HARTFORD CT		33.8	PLN	DTVPLN	-NPLN1012
19					125.0			
20								
20								
20								
21				T				
21				1				
21								
22 WWLP SPRINGFIELD MA 68.2 PLN DTVPLN -NPLN1144 22 WLIW-DT GARDEN CITY NY 88.8 PLN DTVPLN -DTVP0499 23 WHSI-DT SMITHTOWN NY 70.0 PLN DTVPLN -DTVP0537 24 WEDH HARTFORD CT 33.5 PLN DTVPLN -NPLN1202 24 WNYE-DT NEW YORK NY 117.8 PLN DTVPLN -NPLN1202 27 WUNI WORCESTER MA 141.0 PLN DTVPLN -DTVP0579 27 WUNI WORCESTER MA 141.0 PLN DTVPLN -DTVP0681 28 WNBC-DT NEW YORK NY 122.3 PLN DTVPLN -DTVP0681 28 WNBC-DT NEW YORK NY 122.3 PLN DTVPLN -DTVP0719 34 WTWS-DT NEW LONDON CT 69.2 PLN DTVPLN -DTVP0967 35 WVIT-DT NEW BRITAIN CT 25.5 PLN DTVPLN -DTVP0967 25.5 PLN DTVPL								
22 WLIW-DT GARDEN CITY NY 88.8 PLN DTVPLN -DTVP0499 23 WHSI-DT SMITHTOWN NY 70.0 PLN DTVPLN -DTVP0537 24 WEDH HARTFORD CT 33.5 PLN DTVPLN -NPLN1202 24 WNYE-DT NEW YORK NY 117.8 PLN DTVPLN -DTVP10579 27 WUNI WORCESTER MA 141.0 PLN DTVPLN -DTVP101306 28 WNBC-DT NEW YORK NY 122.3 PLN DTVPLN -DTVP0118 28 WNBC-DT NEW YORK NY 122.3 PLN DTVPLN -DTVP0719 34 WTWS-DT NEW LONDON CT 69.2 PLN DTVPLN -DTVP0929 35 WVIT-DT NEW BRITAIN CT 25.5 PLN DTVPLN -DTVP0967 70 70 70 70 70 70 70								
23								
24 WEDH HARTFORD CT 33.5 PLN DTVPLN -NPLN1202 24 WNYE-DT NEW YORK NY 117.8 PLN DTVPLN -DTVP0579 27 WUNI WORCESTER MA 141.0 PLN DTVPLN -NPLN1306 27 WTBY-DT POUGHKEEPSIE NY 84.3 PLN DTVPLN -DTVP0681 28 WNBC-DT NEW YORK NY 122.3 PLN DTVPLN -DTVPD0719 34 WTWS-DT NEW LONDON CT 69.2 PLN DTVPLN -DTVPLN -DTVP0929 35 WVIT-DT NEW BRITAIN CT 25.5 PLN DTVPLN -DTVPD0967 Results for: 20N CT WATERBURY DTVPLN NPLN1070 PLN POPULATION AREA (sq km) Within Noise Limited Contour 5560542 22859.4 NOISE (sq km) POPULATION AREA (sq km) Within Noise Limited Contour 5560542 22859.4 NOISE (sq km)								
24								
27 WUNI WORCESTER MA								
27 WTBY-DT POUGHKEEPSIE NY 84.3 PLN DTVPLN -DTVP06881 28 WNBC-DT NEW YORK NY 122.3 PLN DTVPLN -DTVP0719 34 WTWS-DT NEW LONDON CT 69.2 PLN DTVPLN -DTVP0929 35 WVIT-DT NEW BRITAIN CT 25.5 PLN DTVPLN -DTVP0967 Results for: 20N CT WATERBURY DTVPLN NPLN1070 PLN POPULATION AREA (sq km) within Noise Limited Contour 5560542 22859.4 not affected by terrain losses 5154215 20520.8 lost to NTSC IX 906243 1939.5 lost to additional IX by ATV 284778 1927.6 lost to all IX 1191021 3867.1 Analysis of current record Channel Call City/State Application Ref. No. 12 WTXX WATERBURY CT BMPCDT -20040608ABI Stations Potentially Affecting This Station Chan Call City/State Dist(km) Status Application Ref. No. 11 WWLP-DT SPRINGFIELD MA 43.7 PLN DTVPLN -DTVP0084 11 WWLP SPRINGFIELD MA 43.7 LIC BLCDT -20060619 11 WENHTV DURHAM NH 211.0 PLN DTVPLN -NPLN0728		WNYE-DT	NEW YORK NY				DTVPLN	-DTVP0579
28 WNBC-DT NEW YORK NY 34 WTWS-DT NEW LONDON CT 35 WVIT-DT NEW BRITAIN CT 25.5 PLN DTVPLN -DTVP0967 Results for: 20N CT WATERBURY DTVPLN NPLN1070 PLN POPULATION AREA (sq km) within Noise Limited Contour 5560542 22859.4 not affected by terrain losses 5154215 20520.8 lost to NTSC IX 906243 1939.5 lost to additional IX by ATV 284778 1927.6 lost to all IX 1191021 3867.1 Analysis of current record Channel Call City/State Application Ref. No. 12 WTXX WATERBURY CT BMPCDT -20040608ABI Stations Potentially Affecting This Station Chan Call City/State Dist(km) Status Application Ref. No. 11 WWLP-DT SPRINGFIELD MA 43.7 PLN DTVPLN -DTVP0084 11 WWLP SPRINGFIELD MA 43.7 LIC BLCDT -20060619 11 WENHTV DURHAM NH 211.0 PLN DTVPLN -NPLN0728	27	WUNI	WORCESTER MA				DTVPLN	-NPLN1306
34 WTWS-DT NEW LONDON CT 35 WVIT-DT NEW BRITAIN CT 25.5 PLN DTVPLN -DTVP0967 Results for: 20N CT WATERBURY DTVPLN NPLN1070 PLN POPULATION AREA (sq km) within Noise Limited Contour 5560542 22859.4 not affected by terrain losses 5154215 20520.8 lost to NTSC IX 906243 1939.5 lost to additional IX by ATV 284778 1927.6 lost to all IX 1191021 3867.1 Analysis of current record Channel Call City/State Application Ref. No. 12 WTXX WATERBURY CT BMPCDT -20040608ABI Stations Potentially Affecting This Station Chan Call City/State Dist(km) Status Application Ref. No. 11 WWLP-DT SPRINGFIELD MA 43.7 PLN DTVPLN -DTVP0084 11 WWLP SPRINGFIELD MA 43.7 LIC BLCDT -20060619 11 WENHTV DURHAM NH 211.0 PLN DTVPLN -NPLN0728	27	WTBY-DT	POUGHKEEPSIE NY		84.3	PLN	DTVPLN	-DTVP0681
Results for: 20N CT WATERBURY POPULATION AREA (sq km) within Noise Limited Contour 5560542 22859.4 not affected by terrain losses 5154215 20520.8 lost to NTSC IX 906243 1939.5 lost to additional IX by ATV 284778 1927.6 lost to all IX 1191021 3867.1 Analysis of current record Channel Call City/State Application Ref. No. 12 WTXX WATERBURY CT BMPCDT -20040608ABI Stations Potentially Affecting This Station Chan Call City/State Dist(km) Status Application Ref. No. 11 WWLP-DT SPRINGFIELD MA 43.7 PLN DTVPLN -DTVP0084 11 WWLP SPRINGFIELD MA 43.7 LIC BLCDT -20060619 11 WENHTV DURHAM NH 211.0 PLN DTVPLN -NPLN0728	28	WNBC-DT	NEW YORK NY		122.3	PLN	DTVPLN	-DTVP0719
Results for: 20N CT WATERBURY POPULATION AREA (sq km) within Noise Limited Contour 5560542 22859.4 not affected by terrain losses 5154215 20520.8 lost to NTSC IX 906243 1939.5 lost to additional IX by ATV 284778 1927.6 lost to all IX 1191021 3867.1 Analysis of current record Channel Call City/State Application Ref. No. 12 WTXX WATERBURY CT BMPCDT -20040608ABI Stations Potentially Affecting This Station Chan Call City/State Dist(km) Status Application Ref. No. 11 WWLP-DT SPRINGFIELD MA 43.7 PLN DTVPLN -DTVP00844 11 WWLP SPRINGFIELD MA 43.7 LIC BLCDT -200606194 11 WENHTV DURHAM NH 211.0 PLN DTVPLN -NPLN0728	34	WTWS-DT	NEW LONDON CT		69.2	PLN	DTVPLN	-DTVP0929
within Noise Limited Contour 5560542 22859.4 not affected by terrain losses 5154215 20520.8 lost to NTSC IX 906243 1939.5 lost to additional IX by ATV 284778 1927.6 lost to all IX 1191021 3867.1 Analysis of current record Channel Call City/State Application Ref. No. 12 WTXX WATERBURY CT BMPCDT -20040608ABI Stations Potentially Affecting This Station Chan Call City/State Dist(km) Status Application Ref. No. 11 WWLP-DT SPRINGFIELD MA 43.7 PLN DTVPLN -DTVP0084 11 WWLP SPRINGFIELD MA 43.7 LIC BLCDT -20060619 11 WENHTV DURHAM NH 211.0 PLN DTVPLN -NPLN0728	35	WVIT-DT	NEW BRITAIN CT		25.5	PLN	DTVPLN	-DTVP0967
within Noise Limited Contour 5560542 22859.4 not affected by terrain losses 5154215 20520.8 lost to NTSC IX 906243 1939.5 lost to additional IX by ATV 284778 1927.6 lost to all IX 1191021 3867.1 Analysis of current record Channel Call City/State Application Ref. No. 12 WTXX WATERBURY CT BMPCDT -20040608ABI Stations Potentially Affecting This Station Chan Call City/State Dist(km) Status Application Ref. No. 11 WWLP-DT SPRINGFIELD MA 43.7 PLN DTVPLN -DTVP0084 11 WWLP SPRINGFIELD MA 43.7 LIC BLCDT -20060619 11 WENHTV DURHAM NH 211.0 PLN DTVPLN -NPLN0728	Resul	ts for: 2	ON CT WATERBURY		DTVPLI	N NPL	N1070	PLN
not affected by terrain losses 5154215 20520.8 lost to NTSC IX 906243 1939.5 lost to additional IX by ATV 284778 1927.6 lost to all IX 1191021 3867.1 Analysis of current record Channel Call City/State Application Ref. No. 12 WTXX WATERBURY CT BMPCDT -20040608ABI Stations Potentially Affecting This Station Chan Call City/State Dist(km) Status Application Ref. No. 11 WWLP-DT SPRINGFIELD MA 43.7 PLN DTVPLN -DTVP0084 11 WWLP SPRINGFIELD MA 43.7 LIC BLCDT -20060619 11 WENHTV DURHAM NH 211.0 PLN DTVPLN -NPLN0728				POPULA	TION	AREA (s	q km)	
lost to NTSC IX lost to additional IX by ATV lost to additional IX by ATV lost to all IX lost to additional IX by ATV lost 1939.5 lost to all IX lost to additional IX lost to all IX lost to all IX lost to all IX lost to all IX lost to additional IX l	wi	thin Nois	se Limited Contou:	r 5560	542	22859	. 4	
lost to NTSC IX lost to additional IX by ATV lost to additional IX by ATV lost to all IX lost to additional IX by ATV lost 1939.5 lost to all IX lost to additional IX lost to all IX lost to all IX lost to all IX lost to all IX lost to additional IX l	no	t affecte	ed by terrain los	ses 5154	215	20520	.8	
lost to all IX 1191021 3867.1 Analysis of current record Channel Call City/State Application Ref. No. 12 WTXX WATERBURY CT BMPCDT -20040608ABI Stations Potentially Affecting This Station Chan Call City/State Dist(km) Status Application Ref. No. 11 WWLP-DT SPRINGFIELD MA 43.7 PLN DTVPLN -DTVP00844 11 WWLP SPRINGFIELD MA 43.7 LIC BLCDT -200606194 11 WENHTV DURHAM NH 211.0 PLN DTVPLN -NPLN0728					243	1939	.5	
lost to all IX 1191021 3867.1 Analysis of current record Channel Call City/State Application Ref. No. 12 WTXX WATERBURY CT BMPCDT -20040608ABI Stations Potentially Affecting This Station Chan Call City/State Dist(km) Status Application Ref. No. 11 WWLP-DT SPRINGFIELD MA 43.7 PLN DTVPLN -DTVP00844 11 WWLP SPRINGFIELD MA 43.7 LIC BLCDT -200606194 11 WENHTV DURHAM NH 211.0 PLN DTVPLN -NPLN0728	10	st to add	litional IX by AT	V 284	778	1927	.6	
Channel Call City/State Application Ref. No. 12 WTXX WATERBURY CT BMPCDT -20040608ABI Stations Potentially Affecting This Station Chan Call City/State Dist(km) Status Application Ref. No. 11 WWLP-DT SPRINGFIELD MA 43.7 PLN DTVPLN -DTVP0084 11 WWLP SPRINGFIELD MA 43.7 LIC BLCDT -20060619 11 WENHTV DURHAM NH 211.0 PLN DTVPLN -NPLN0728								
Channel Call City/State Application Ref. No. 12 WTXX WATERBURY CT BMPCDT -20040608ABI Stations Potentially Affecting This Station Chan Call City/State Dist(km) Status Application Ref. No. 11 WWLP-DT SPRINGFIELD MA 43.7 PLN DTVPLN -DTVP0084 11 WWLP SPRINGFIELD MA 43.7 LIC BLCDT -20060619 11 WENHTV DURHAM NH 211.0 PLN DTVPLN -NPLN0728	Analy	sis of cu	rrent record					
12 WTXX WATERBURY CT BMPCDT -20040608ABI Stations Potentially Affecting This Station Chan Call City/State Dist(km) Status Application Ref. No. 11 WWLP-DT SPRINGFIELD MA 43.7 PLN DTVPLN -DTVP0084 11 WWLP SPRINGFIELD MA 43.7 LIC BLCDT -20060619 11 WENHTV DURHAM NH 211.0 PLN DTVPLN -NPLN0728				v/State	Дι	oplicati	on Ref. N	Io.
Stations Potentially Affecting This Station Chan Call City/State Dist(km) Status Application Ref. No. 11 WWLP-DT SPRINGFIELD MA 43.7 PLN DTVPLN -DTVP0084 11 WWLP SPRINGFIELD MA 43.7 LIC BLCDT -20060619 11 WENHTV DURHAM NH 211.0 PLN DTVPLN -NPLN0728			•		1	_		
Chan Call City/State Dist(km) Status Application Ref. No. 11 WWLP-DT SPRINGFIELD MA 43.7 PLN DTVPLN -DTVP0084 11 WWLP SPRINGFIELD MA 43.7 LIC BLCDT -20060619 11 WENHTV DURHAM NH 211.0 PLN DTVPLN -NPLN0728	12	VV 1 2 3	WIIIICDOR	1 (1		Brit CD1	2001	100001111
11 WWLP-DT SPRINGFIELD MA 43.7 PLN DTVPLN -DTVP0084 11 WWLP SPRINGFIELD MA 43.7 LIC BLCDT -20060619 11 WENHTV DURHAM NH 211.0 PLN DTVPLN -NPLN0728		Stations	Potentially Affe	cting This	Statio	on		
11 WWLP-DT SPRINGFIELD MA 43.7 PLN DTVPLN -DTVP0084 11 WWLP SPRINGFIELD MA 43.7 LIC BLCDT -20060619 11 WENHTV DURHAM NH 211.0 PLN DTVPLN -NPLN0728	Chan	Call	City/State	ni	st(km)	Status	Applicat	ion Ref No
11 WWLP SPRINGFIELD MA 43.7 LIC BLCDT -20060619 11 WENHTV DURHAM NH 211.0 PLN DTVPLN -NPLN0728				21				
11 WENHTV DURHAM NH 211.0 PLN DTVPLN -NPLN0728								-20060619AAS
11 WILL THEN TORK IN 1970 THE DECT -20040212								
	Т.Т	MLTV	TALIM TOKK INT		± + 2 . +	AFF	DECI	ZUUTUZIZAAA

11	WPIX	NEW YORK NY	148.0	LIC	BLCT	-19810826КН		
12	WHYY-TV	WILMINGTON DE	274.0	LIC	BLET	-19940707KE		
12	WNYT-DR	ALBANY NY	141.4	LIC	BPRM	-20000413AAC		
12	WNYT	ALBANY NY	141.1	LIC	BLCDT	-20031022ABL		
12	WBNG-TV	BINGHAMTON NY	261.1	LIC	BLCT	-19870821KE		
12	WPRI-TV	PROVIDENCE RI	129.9	LIC	BLCT	-1750		
13	WNET	NEWARK NJ	148.0	LIC	BLET	-19811110KG		
13	WNET	NEWARK NJ	143.4	APP	BPCT	-20040213AFP		
13	WNYT	ALBANY NY	137.0	LIC	BLCT	-19800314KF		
13	WPRI-TV	PROVIDENCE RI	129.9	LIC	BLCDT	-20040526ALH		
13	WPRI-DT	PROVIDENCE RI	129.9	PLN	DTVPLN	-DTVP0118		
11	WENH-D11	DURHAM NH	211.0	APP	USERRECORI	D-01		
Proposal causes no interference								

Analysis of Interference to Affected Station 9

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NTSC Baseline Analysis
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Channel Call City/State Application Ref. No.
12 WPRITV PROVIDENCE RI DTVPLN -NPLN0793

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Applicat	ion Ref. No.
11	WWLP-DT	SPRINGFIELD MA	119.7	PLN	DTVPLN	-DTVP0084
11	WENHTV	DURHAM NH	144.5	PLN	DTVPLN	-NPLN0728
12	WTXX-DT	WATERBURY CT	149.5	PLN	DTVPLN	-DTVP0097
12	WHYYTV	WILMINGTON DE	389.8	PLN	DTVPLN	-NPLN0757
12	WMEBTV	ORONO ME	388.4	PLN	DTVPLN	-NPLN0769
12	WBNGTV	BINGHAMTON NY	386.4	PLN	DTVPLN	-NPLN0786
13	WNYT	ALBANY NY	217.7	PLN	DTVPLN	-NPLN0853
13	WPRT-DT	PROVIDENCE RI	0.0	PIN	DTVPIN	-DTVP0118

Results for: 12N RI PROVIDENCE DTVPLN NPLN0793 PLN POPULATION AREA (sq km)

	POPULATION	AREA (sq km)
within Noise Limited Contour	6738613	28860.9
not affected by terrain losses	6403076	26990.1
lost to NTSC IX	626583	1324.8
lost to additional IX by ATV	163974	2412.8
lost to all IX	790557	3737.6

Analysis of current record

Channel Call City/State Application Ref. No. 12 WPRI-TV PROVIDENCE RI BLCT -1750

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	on Ref. No.
11	WWLP-DT	SPRINGFIELD MA	119.7	PLN	DTVPLN	-DTVP0084
11	WWLP	SPRINGFIELD MA	119.7	LIC	BLCDT	-20060619AAS
11	WENH-TV	DURHAM NH	144.5	LIC	BMLET	-19960516КН
12	WTXX-DT	WATERBURY CT	149.5	PLN	DTVPLN	-DTVP0097
12	WTXX	WATERBURY CT	129.9	CP MOD	BMPCDT	-20040608ABI
12	WHYY-TV	WILMINGTON DE	389.8	LIC	BLET	-19940707KE

12	WMEB-TV	ORONO ME	388.7	LIC	BLET	-19990525КН
12	WNYT-DR	ALBANY NY	239.7	LIC	BPRM	-20000413AAC
12	WNYT	ALBANY NY	239.4	LIC	BLCDT	-20031022ABL
12	WBNG-TV	BINGHAMTON NY	386.4	LIC	BLCT	-19870821KE
13	WNYT	ALBANY NY	217.7	LIC	BLCT	-19800314KF
13	WPRI-TV	PROVIDENCE RI	0.0	LIC	BLCDT	-20040526ALH
13	WPRI-DT	PROVIDENCE RI	0.0	PLN	DTVPLN	-DTVP0118
11	WENH-D11	DURHAM NH	144.5	APP	USERRECOR	D-01
Proposal causes no interference						

Analysis of Interference to Affected Station 10

Analysis of current record

Application Ref. No. Channel Call City/State 11 WENH-D11 DURHAM NH USERRECORD-01

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	on Ref. No.
10	WWDP	NORWELL MA	130.2	APP	BPRM	-20060426AAW
10	WCBB	AUGUSTA ME	145.3	LIC	BMLET	-20020917AAU
10	WJAR	PROVIDENCE RI	145.8	LIC	BLCT	-2395
11	WWLP-DT	SPRINGFIELD MA	172.2	PLN	DTVPLN	-DTVP0084
11	WWLP	SPRINGFIELD MA	172.2	LIC	BLCDT	-20060619AAS
11	WPIX	NEW YORK NY	354.2	APP	BPCT	-20040212AAA
11	WPIX	NEW YORK NY	358.8	LIC	BLCT	-19810826KH
12	WTXX	WATERBURY CT	211.0	CP MOD	BMPCDT	-20040608ABI
12	WPRI-TV	PROVIDENCE RI	144.5	LIC	BLCT	-1750

Total scenarios = 4

71 Result key:

Scenario 1 Affected station 10

Before Analysis

USERRECORD01 APP Results for: 11A NH DURHAM

HAAT 305.0 m, ATV ERP 8.3 kW

POPULATION AREA (sq km) within Noise Limited Contour 3616812 25658.9 not affected by terrain losses 3419619 23671.2 lost to NTSC IX 12724 84.5 lost to additional IX by ATV 16434 112.7 lost to ATV IX only 26753 177.0 lost to all IX 29158 197.2

Potential Interfering Stations Included in above Scenario

BLCT 11N NY NEW YORK 19810826KH LIC 11A MA SPRINGFIELD DTVPLN DTVP0084 PLN

Result key: 72 Scenario 2 Affected station 10

Before Analysis

Results for: 11A NH DURHAM		USERRECO	RD01	APP
HAAT 305.0 m, ATV ERP		PULATION AR	.EA (sa km)	
within Noise Limited Con	tour 3	3616812	25658 9	
not affected by terrain	losses 3	3419619	23671.2	
lost to NTSC IX	- 70 (77) 7		84.5	
lost to additional IX by lost to ATV IX only		25856		
lost to all IX		28684		
Potential Interfering Stat	ions Inclu	ıded in above	Scenario	2
		19810826КН		
11A MA SPRINGFIELD	BLCDT	20060619AAS	LIC	
Result key: 73				
Scenario 3 Affected	station	10		
Before Analysis	2002	_0		
Results for: 11A NH DURHAM		USERRECO	RD01	APP
HAAT 305.0 m, ATV ERP		PULATION AR	EN (ca km)	
within Noise Limited Con				
not affected by terrain				
lost to NTSC IX		12009	96.6	
lost to additional IX by				
lost to ATV IX only		26753		
lost to all IX		27102	193.1	
Potential Interfering Stat	ions Inclu	ıded in above	Scenario	3
11N NY NEW YORK	BPCT	20040212AAA	APP	
11A MA SPRINGFIELD	DTVPLN	DTVP0084	PLN	
Dogult least 74				
Result key: 74 Scenario 4 Affected	gtation	10		
Before Analysis	Beacion	10		
<u>-</u>				
Results for: 11A NH DURHAM	0 2 1 77	USERRECO	RD01	APP
HAAT 305.0 m, ATV ERP		PULATION AR	EA (sq km)	
within Noise Limited Con			25658.9	
not affected by terrain			23671.2	
lost to NTSC IX		12009	96.6	
lost to additional IX by	ATV	14907	112.7	
lost to ATV IX only			185.1 209.2	
lost to all IX		26916	209.2	
Potential Interfering Stat	ions Inclu	ıded in above	Scenario	4
11n ny new york	BPCT	20040212AAA	APP	
11A MA SPRINGFIELD	BLCDT	20060619AAS	LIC	
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FINISHED FINISHED FINISHED FINISHED FINISHED

TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 01-04-2007 Time: 22:13:31

Record Selected for Analysis

WENH-D11 USERRECORD-01 DURHAM NH US

Channel 11 ERP 16. kW HAAT 305. m RCAMSL 00463 m

Latitude 043-10-33 Longitude 0071-12-29

Status APP Zone 1 Border

Dir Antenna Make usr Model USRPAT01 Beam tilt N Ref Azimuth 20.

Last update Cutoff date Docket

Comments Applicant

Cell Size for Service Analysis 2.0 km/side

Distance Increments for Longley-Rice Analysis 1.00 km

Facility meets maximum height/power limits

Azimuth	ERP	HAAT	36.0 dBu F(50,90)
(Deg)	(kW)	(m)	(km)
0.0	11.182	247.5	90.9
45.0	14.746	311.2	96.1
90.0	12.702	357.4	98.5
135.0	13.018	362.5	99.1
180.0	14.018	331.4	97.2
225.0	6.131	311.2	89.4
270.0	7.530	247.7	87.8
315.0	15.777	271.6	94.7

Evaluation toward Class A Stations

No Spacing violations or contour overlap to Class A stations

Class A Evaluation Complete

SPACING VIOLATION FOUND BETWEEN STATION

WENH-D11 11 DURHAM NH USERRECORD01

and station

SHORT TO: WWLP-DT 11 SPRINGFIELD MA DTVPLN DTVP0084

42-05-05 72-42-14

Req. separation 244.6 Actual separation 172.5 Short 72.1 km

SHORT TO: WWLP 11 SPRINGFIELD MA BLCDT 20060619AAS

042-05- 5 0072-42-14

Req. separation 244.6 Actual separation 172.5 Short 72.1 km

SHORT TO: WENH-TV 11 DURHAM NH BMLET 19960516KH

043-10-33 0071-12-29

Reg. separation 244.6 Actual separation 0.0 Short 244.6 km

Proposed facility OK to FCC Monitoring Stations

Proposed facility OK toward West Virginia quite zone

Proposed facility OK toward Table Mountian

Proposed facility is within the Canadian coordination distance

Distance to border = 206.3km

Proposed facility is beyond the Mexican coordination distance

Proposed station is OK toward AM broadcast stations

Start of Interference Analysis

Proposed Station

Channel Call City/State ARN

11 WENH-D11 DURHAM NH USERRECORD01

Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	on Ref. No.
10	WWDP	NORWELL MA	130.2	APP	BPRM	-20060426AAW
10	WCBB	AUGUSTA ME	145.3	LIC	BMLET	-20020917AAU
10	WJAR	PROVIDENCE RI	145.8	LIC	BLCT	-2395
11	WWLP-DT	SPRINGFIELD MA	172.2	PLN	DTVPLN	-DTVP0084
11	WWLP	SPRINGFIELD MA	172.2	LIC	BLCDT	-20060619AAS
11	WPIX	NEW YORK NY	354.2	APP	BPCT	-20040212AAA
11	WPIX	NEW YORK NY	358.8	LIC	BLCT	-19810826KH
12	WTXX	WATERBURY CT	211.0	CP MOD	BMPCDT	-20040608ABI
12	WPRI-TV	PROVIDENCE RI	144.5	LIC	BLCT	-1750

Analysis of Interference to Affected Station 1

Analysis of current record

Call City/S WWDP NORWELL MA City/State Application Ref. No. Channel 10 BPRM -20060426AAW

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	on Ref. No.
09	WEDN	NORWICH CT	107.8	APP	BPRM	-20040109AEI
09	WMUR-TV	MANCHESTER NH	117.0	CP	BPCT	-20050218AAU
10	WTNH	NEW HAVEN CT	171.1	LIC	BLCDT	-20040701AEC
10	WTNH-DT	NEW HAVEN CT	171.1	PLN	DTVPLN	-DTVP0068
10	WCBB	AUGUSTA ME	252.6	LIC	BMLET	-20020917AAU
10	WTEN	ALBANY NY	252.5	LIC	BLCT	-1285
10	WCAU	PHILADELPHIA PA	413.9	LIC	BLCT	-20041119AEQ
10	WJAR	PROVIDENCE RI	25.8	LIC	BLCT	-2395
11	WWLP-DT	SPRINGFIELD MA	137.2	PLN	DTVPLN	-DTVP0084
11	WWLP	SPRINGFIELD MA	137.2	LIC	BLCDT	-20060619AAS
11	WENHTV	DURHAM NH	130.2	PLN	DTVPLN	-NPLN0728
11	WENH-D11	DURHAM NH	130.2	APP	USERRECORI	D-01

Total scenarios = 6

Result key: 1
Scenario 1 Affected station 1

Before Analysis

Results for: 10A MA NORWELL BPRM 20060426AAW APP

HAAT 144.0 m, ATV ERP 5.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	5715219	18419.1
not affected by terrain losses	5517543	17453.4
lost to NTSC IX	4703922	15237.7
lost to additional IX by ATV	3178	28.0
lost to ATV IX only	147461	1610.7
lost to all IX	4707100	15265.7

Potential Interfering Stations Included in above Scenario 1

9N	NH	MANCHESTER	BPCT	20050218AAU	CP
10N	ME	AUGUSTA	BMLET	20020917AAU	LIC
10N	NY	ALBANY	BLCT	1285	LIC
10N	RI	PROVIDENCE	BLCT	2395	LIC
10A	CT	NEW HAVEN	BLCDT	20040701AEC	LIC

After Analysis

Results for: 10A MA NORWELL BPRM 20060426AAW APP

HAAT 144.0 m, ATV ERP 5.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	5715219	18419.1
not affected by terrain losses	5517543	17453.4
lost to NTSC IX	4703922	15237.7
lost to additional IX by ATV	3178	28.0
lost to ATV IX only	148592	1618.7
lost to all IX	4707100	15265.7

Potential Interfering Stations Included in above Scenario 1

9N NH MANCHESTER 10N ME AUGUSTA 10N NY ALBANY 10N RI PROVIDENCE 10A CT NEW HAVEN 11A NH DURHAM *Percent Service lost with *Percent Service lost with Result key: 2 Scenario 2 Affected	BMLET BLCT BLCT BLCDT USERRECORD OUT Propose proposal:	20020917 1285 2395 20040701 DO1 al:	AAU AEC	LIC LIC LIC LIC APP to BPRM	
Scenario 2 Affected Before Analysis	station	1			
Results for: 10A MA NORWELL HAAT 144.0 m, ATV ERP within Noise Limited Commot affected by terrain lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX	5.0 kW POP	ULATION 715219	AREA	A (sq km) 8419.1	APP
10N NY ALBANY 10N RI PROVIDENCE 10A CT NEW HAVEN	BPCT BMLET BLCT BLCT DTVPLN	20050218 20020917	AAU 'AAU	CP LIC	2
After Analysis Results for: 10A MA NORWELL HAAT 144.0 m, ATV ERP within Noise Limited Con not affected by terrain lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX	5.0 kW POPI tour 5 losses 5 4 ATV	ULATION 715219	AREA 18 17 15	A (sq km) 8419.1	APP
Potential Interfering Stat. 9N NH MANCHESTER 10N ME AUGUSTA 10N NY ALBANY 10N RI PROVIDENCE 10A CT NEW HAVEN 11A NH DURHAM *Percent Service lost with *Percent Service lost with	BPCT BMLET BLCT BLCT DTVPLN USERRECOR	20050218 20020917 1285 2395 DTVP0068 D01 al:	AAU 'AAU	CP LIC LIC LIC PLN APP	2 20060426AAW 20060426AAW

Result key: 3
Scenario 3 Affected station 1

Before Analysis

BPRM 20060426AAW APP Results for: 10A MA NORWELL

HAAT 144.0 m, ATV ERP 5.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	5715219	18419.1
not affected by terrain losses	5517543	17453.4
lost to NTSC IX	4703922	15237.7
lost to additional IX by ATV	3178	28.0
lost to ATV IX only	147461	1610.7
lost to all IX	4707100	15265.7

Potential Interfering Stations Included in above Scenario 3

9N	NH	MANCHESTER	BPCT	20050218AAU	CP
10N	ME	AUGUSTA	BMLET	20020917AAU	LIC
10N	NY	ALBANY	BLCT	1285	LIC
10N	RI	PROVIDENCE	BLCT	2395	LIC
9A	CT	NORWICH	BPRM	20040109AEI	APP
104	СТ	NEM HAVEN	BI.CDT	20040701AEC	TITC

After Analysis

esuits for: 10A MA NORWELL HAAT 144.0 m, ATV ERP 5.0 kW Results for: 10A MA NORWELL BPRM 20060426AAW APP

	POPULATION	AREA (sq km)
within Noise Limited Contour	5715219	18419.1
not affected by terrain losses	5517543	17453.4
lost to NTSC IX	4703922	15237.7
lost to additional IX by ATV	3178	28.0
lost to ATV IX only	148592	1618.7
lost to all IX	4707100	15265.7

Potential Interfering Stations Included in above Scenario 3

9N	NH	MANCHESTER	BPCT	20050218AAU	CP
10N	ME	AUGUSTA	BMLET	20020917AAU	LIC
10N	NY	ALBANY	BLCT	1285	LIC
10N	RI	PROVIDENCE	BLCT	2395	LIC
9A	CT	NORWICH	BPRM	20040109AEI	APP
10A	CT	NEW HAVEN	BLCDT	20040701AEC	LIC
11A	NH	DURHAM	USERRECORI	APP	

*Percent Service lost without proposal: 0.0 to BPRM 20060426AAW *Percent Service lost with proposal: 0.0 to BPRM 20060426AAW

Result key: 4
Scenario 4 Affected station 1

Before Analysis

HAAT 144.0 m, ATV ERP 5.0 kW Results for: 10A MA NORWELL

within Noise Limited Contour 5715219 18419.1 not affected by terrain losses 5517543 17453.4

```
      lost to NTSC IX
      4703922
      15237.7

      lost to additional IX by ATV
      602
      20.0

      lost to ATV IX only
      96851
      1029.7

      lost to all IX
      4704524
      15257.7

 Potential Interfering Stations Included in above Scenario 4
 9N NH MANCHESTER
                                        BPCT
                                                        20050218AAU CP
10N ME AUGUSTA BMLET 20020917AAU LIC
10N NY ALBANY BLCT 1285 LIC
10N RI PROVIDENCE BLCT 2395 LIC
9A CT NORWICH BPRM 20040109AEI APP
10A CT NEW HAVEN DTVPLN DTVP0068 PLN
After Analysis
                                                            BPRM 20060426AAW APP
Results for: 10A MA NORWELL
    HAAT 144.0 m, ATV ERP 5.0 kW
                                                POPULATION AREA (sq km)
    within Noise Limited Contour 5715219 18419.1
    not affected by terrain losses 5517543
                                                                         17453.4
    lost to NTSC IX 4703922
lost to additional IX by ATV 602
lost to ATV IX only 99919
                                                                        15237.7
                                                                            20.0
    lost to ATV IX only
                                                                          1045.8
                                                      4704524
    lost to all IX
                                                                          15257.7
 Potential Interfering Stations Included in above Scenario

        9N NH MANCHESTER
        BPCT
        20050218AAU
        CP

        10N ME AUGUSTA
        BMLET
        20020917AAU
        LIC

        10N NY ALBANY
        BLCT
        1285
        LIC

        10N RI PROVIDENCE
        BLCT
        2395
        LIC

        9A CT NORWICH
        BPRM
        20040109AEI
        APP

        10A CT NEW HAVEN
        DTVPLN
        DTVPD068
        PLN

        11A NH DURHAM
        USERRECORD01
        APP

 *Percent Service lost without proposal: 0.0 to BPRM
*Percent Service lost with proposal: 0.0 to BPRM
                                                                                               20060426AAW
                                                                                               20060426AAW
Result key:
Scenario 5 Affected station 1
Before Analysis
                                                            BPRM 20060426AAW APP
Results for: 10A MA NORWELL
    HAAT 144.0 m, ATV ERP 5.0 kW
                                               POPULATION AREA (sq km)
    within Noise Limited Contour 5715219 18419.1
    not affected by terrain losses 5517543
                                                                        17453.4
    lost to NTSC IX
                                     4703922
                                                                        15237.7
    lost to additional IX by ATV 3178
lost to ATV IX only 147461
                                                                            28.0
    lost to ATV IX only
                                                                           1610.7
                                                       4707100
    lost to all IX
                                                                          15265.7
 Potential Interfering Stations Included in above Scenario
                              BPCT
  9N NH MANCHESTER
                                                          20050218AAU CP
                                          BMLET
10N ME AUGUSTA
                                                          20020917AAU LIC
```

10N NY ALBANY	BLCT	1285	LIC	
10N RI PROVIDENCE	BLCT	2395		
10A CT NEW HAVEN	BLCDT	20040701AEC	LIC	
After Analysis				
Results for: 10A MA NORWELL HAAT 144.0 m, ATV ERP		BPRM	20060426AAW	APP
		PULATION ARE	CA (sq km)	
within Noise Limited Con			.8419.1	
not affected by terrain			7453.4	
lost to NTSC IX			.5237.7	
lost to additional IX by lost to ATV IX only	ATV	3178 148592	28.0 1618.7	
lost to all IX			.5265.7	
TOSC CO CIT IN		1707100 1	.5205.7	
Potential Interfering Stat	ions Incl	uded in above	Scenario	5
9N NH MANCHESTER	BPCT	20050218AAU	CP	
10N ME AUGUSTA	BMLET	20020917AAU	LIC	
10N NY ALBANY	BLCT		LIC	
10N RI PROVIDENCE	BLCT		LIC	
10A CT NEW HAVEN	BLCDT			
11A NH DURHAM	USERRECO		APP	20060426AAW
*Percent Service lost with *Percent Service lost with	out propo nroposal	: 0.0	to BPRM	
refeelle belviee lobe with	proposar	0.0	CO BIRM	20000120AAW
Result key: 6				
Scenario 6 Affected Before Analysis	station	1		
Results for: 10A MA NORWELL HAAT 144.0 m, ATV ERP		BPRM	20060426AAW	APP
		PULATION ARE	CA (sq km)	
within Noise Limited Con		5715219 1	.8419.1	
not affected by terrain	losses		7453.4	
lost to NTSC IX			.5237.7	
lost to additional IX by	ATV	602	20.0	
lost to ATV IX only lost to all IX		96851 4704524 1	1029.7 5257.7	
TOSC CO ATT IX		1/01/21	.5257.7	
Potential Interfering Stat	ions Incl	uded in above	Scenario	6
9N NH MANCHESTER	BPCT	20050218AAU	CP	
10N ME AUGUSTA	BMLET	20020917AAU	LIC	
10N NY ALBANY	BLCT	1285	LIC	
10N RI PROVIDENCE	BLCT	2395	LIC	
10A CT NEW HAVEN	DTVPLN	DTVP0068	PLN	
After Analysis				
Results for: 10A MA NORWELL		BPRM	20060426AAW	APP
HAAT 144.0 m, ATV ERP		DI Mi	20000120AAW	
,		PULATION ARE	CA (sq km)	
within Noise Limited Con		5715219 1	8419.1	
not affected by terrain	losses	5517543 1	7453.4	

lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX	4703922 ATV 602 99919 4704524	20	.0		
Potential Interfering Stat	ions Included in a	above Scen	ario 6	5	
9N NH MANCHESTER 10N ME AUGUSTA 10N NY ALBANY 10N RI PROVIDENCE 10A CT NEW HAVEN 11A NH DURHAM *Percent Service lost with *Percent Service lost with		L7AAU LIC LIC LIC 58 PLN APP 0.0 to	BPRM	20060426AAW 20060426AAW	
##############################	##############	+#########	#########	#######	
Analysis of Interference to Affected Station 2 NTSC Baseline Analysis Channel Call City/State Application Ref. No. 10 WCBB AUGUSTA ME DTVPLN -NPLN0653					
Stations Potentially A	ffecting This Stat	cion			
Chan Call City/State 09 WMURTV MANCHESTER N 10 WTNH-DT NEW HAVEN CT 10 WMEMTV PRESQUE ISLE 10 WTEN ALBANY NY 10 WJAR PROVIDENCE R 11 WENHTV DURHAM NH	H 182 386 ME 317 363 I 274	n) Status .0 PLN .9 PLN .0 PLN .5 PLN .8 PLN .3 PLN	Applicati DTVPLN DTVPLN DTVPLN DTVPLN DTVPLN DTVPLN	-DTVP0068 -NPLN0654 -NPLN0671 -NPLN0679	
Results for: 10N ME AUGUSTA	. DTVI	PLN NPL	N0653	PLN	
within Noise Limited Con not affected by terrain lost to NTSC IX lost to additional IX by lost to all IX	POPULATION tour 863167 losses 814133 38382	AREA (s 28787 25546 1244	q km) .3 .9 .1		
Analysis of current record Channel Call 10 WCBB AUGUS	City/State TA ME	Applicati BMLET	on Ref. No -20020). 1917AAU	
Stations Potentially A	ffecting This Stat	cion			
Chan Call City/State 09 WMEB-TV ORONO ME 09 WMEB-TV ORONO ME 09 WMUR-TV MANCHESTER N 10 WTNH NEW HAVEN CT 10 WTNH-DT NEW HAVEN CT	95 95 H 182 386	.8 LIC .0 CP .9 LIC	Applicati BPRM BLEDT BPCT BLCDT DTVPLN	on Ref. No20000616AAA -20020508AAS -20050218AAU -20040701AEC -DTVP0068	

10	WWDP	NORWELL MA	252.6	APP	BPRM	-20060426AAW
10	WMED-TV	CALAIS ME	233.8	LIC	BLEDT	-20030307AAM
10	WMED-TV	CALAIS ME	233.8	LIC	BPRM	-20010626AAZ
10	WMEM-TV	PRESQUE ISLE ME	317.0	LIC	BLET	-20010403ABJ
10	WTEN	ALBANY NY	363.5	LIC	BLCT	-1285
10	WJAR	PROVIDENCE RI	274.8	LIC	BLCT	-2395
11	WENH-TV	DURHAM NH	145.3	LIC	BMLET	-19960516КН
11	WENH-D11	DURHAM NH	145.3	APP	USERRECOR	D-01
Proposal causes no interference						

Analysis of Interference to Affected Station 3

NTSC Baseline Analysis

Channel Call City/State Application Ref. No.

10 WJAR PROVIDENCE RI DTVPLN -NPLN0679

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Applicati	ion Ref. No.
09	WMURTV	MANCHESTER NH	126.7	PLN	DTVPLN	-NPLN0612
10	WTNH-DT	NEW HAVEN CT	146.7	PLN	DTVPLN	-DTVP0068
10	WCBB	AUGUSTA ME	274.8	PLN	DTVPLN	-NPLN0653
10	WTEN	ALBANY NY	239.0	PLN	DTVPLN	-NPLN0671
10	WCAU	PHILADELPHIA PA	388.4	PLN	DTVPLN	-NPLN0678
11	WWLP-DT	SPRINGFIELD MA	119.6	PLN	DTVPLN	-DTVP0084
11	WENHTV	DURHAM NH	145.8	PLN	DTVPLN	-NPLN0728

Results for: 10N RI PROVIDENCE DTVPLN NPLN0679 PLN

	DODULTATION	AREA (sq km)
within Noise Limited Contour	6704426	28882.5
not affected by terrain losses	6330843	27059.6
lost to NTSC IX	785220	3541.6
lost to additional IX by ATV	178448	3232.4
lost to all IX	963668	6773.9

Analysis of current record

Channel Call City/State Application Ref. No. 10 WJAR PROVIDENCE RI BLCT -2395

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.	
09	WEDN	NORWICH CT	82.5	APP	BPRM	-20040109AEI
09	WMUR-TV	MANCHESTER NH	126.8	CP	BPCT	-20050218AAU
10	WTNH	NEW HAVEN CT	146.7	LIC	BLCDT	-20040701AEC
10	WTNH-DT	NEW HAVEN CT	146.7	PLN	DTVPLN	-DTVP0068
10	WWDP	NORWELL MA	25.8	APP	BPRM	-20060426AAW
10	WCBB	AUGUSTA ME	274.8	LIC	BMLET	-20020917AAU
10	WTEN	ALBANY NY	239.0	LIC	BLCT	-1285
10	WCAU	PHILADELPHIA PA	388.5	LIC	BLCT	-20041119AEQ
11	WWLP-DT	SPRINGFIELD MA	119.6	PLN	DTVPLN	-DTVP0084
11	WWLP	SPRINGFIELD MA	119.6	LIC	BLCDT	-20060619AAS
11	WENH-TV	DURHAM NH	145.8	LIC	BMLET	-19960516КН

11	WENH-D11	DURHAM NH	145.8	APP	USERRECORD-01

Total scenarios = 10

Result key: 7
Scenario 1 Affected station 3

Before Analysis

Results for: 10N RI PROVIDENCE BLCT 2395 LIC POPULATION AREA (sq km) within Noise Limited Contour 6704426 28882.5 not affected by terrain losses 6330843 27059.6 lost to NTSC IX 731311 3485.3 lost to additional IX by ATV 201020 4139.8 lost to all IX 932331 7625.2

Potential Interfering Stations Included in above Scenario 1

9N	NH	MANCHESTER	BPCT	20050218AAU	CP
10N	ME	AUGUSTA	BMLET	20020917AAU	LIC
10N	NY	ALBANY	BLCT	1285	LIC
10N	PΑ	PHILADELPHIA	BLCT	20041119AEQ	LIC
10A	CT	NEW HAVEN	BLCDT	20040701AEC	LIC
11A	MA	SPRINGFIELD	BLCDT	20060619AAS	LIC

After Analysis

Results for: 10N RI PROVIDENCE BLCT 2395 LIC POPULATION AREA (sq km) within Noise Limited Contour 6704426 28882.5 27059.6 not affected by terrain losses 6330843 lost to NTSC IX 731311 3485.3 lost to additional IX by ATV 201020 4139.8 lost to all IX 932331 7625.2

Potential Interfering Stations Included in above Scenario

9N	NH	MANCHESTER	BPCT	20050218AAU	CP
10N	ME	AUGUSTA	BMLET	20020917AAU	LIC
10N	NY	ALBANY	BLCT	1285	LIC
10N	PA	PHILADELPHIA	BLCT	20041119AEQ	LIC
10A	CT	NEW HAVEN	BLCDT	20040701AEC	LIC
11A	MA	SPRINGFIELD	BLCDT	20060619AAS	LIC
11A	NH	DURHAM	USERRECORD01		APP

*Percent new DTV interference without proposal: 3.0 BLCT 2395 *Percent new DTV interference with proposal: 3.0 BLCT 2395

Result key: 8

Scenario 2 Affected station 3

Before Analysis

Results for: 10N RI PROVIDENCE BLCT 2395 LIC POPULATION AREA (sq km)

within Noise Limited Contour 6704426 28882.5 not affected by terrain losses 6330843 27059.6

lost to NTSC IX		731311	3485.3		
lost to additional IX by	VTA		3244.4		
lost to all IX		909900			
Potential Interfering Stat	ions Incl	uded in above	Scenario	2	
9N NH MANCHESTER	BPCT	20050218AAU	CP		
10N ME AUGUSTA	BMLET	20020917AAU	LIC		
10N NY ALBANY	BLCT		LIC		
10N PA PHILADELPHIA	BLCT	20041119AEQ	LIC		
		DTVP0068			
		20060619AAS			
After Analysis					
Results for: 10N RI PROVIDE	NCE	BLCT	2395	LIC	
	PO	PULATION AR	EA (sq km)		
within Noise Limited Con	tour		28882.5		
not affected by terrain	losses	6330843	27059.6		
lost to NTSC IX			3485.3		
lost to additional IX by	ATV		3244.4		
lost to all IX		909900	6729.8		
Potential Interfering Stat	ions Incl	uded in above	Scenario	2	
9N NH MANCHESTER	BPCT	20050218AAU	CP		
10N ME AUGUSTA	BMLET	20020917AAU	LIC		
10N NY ALBANY	BLCT	1285	LIC		
10N PA PHILADELPHIA	BLCT	20041119AEQ	LIC		
		DTVP0068	PLN		
11A MA SPRINGFIELD	BLCDT	20060619AAS	LIC		
11A NH DURHAM	USERRECO	RD01	APP		
*Percent new DTV interfere	nce witho	ut proposal:	2.7 BL	CT	2395
*Percent new DTV interfere *Percent new DTV interfere	nce with	proposal:	2.7 BL	CT	2395
Result key: 9					
Scenario 3 Affected	station	3			
Before Analysis					
Results for: 10N RI PROVIDE	NCE	BLCT	2395	LIC	
	PO	PULATION AR	EA (sq km)		
within Noise Limited Con			28882.5		
not affected by terrain	losses	6330843	27059.6		
lost to NTSC IX		731311	3485.3		
lost to additional IX by	VTA	3691754	16487.1		
lost to all IX		4423065	19972.4		
Potential Interfering Stat	ions Incl	uded in above	Scenario	3	
ON NUL MANGENEGE	DD.C.	2005221277	GD.		
9N NH MANCHESTER	BPCT	20050218AAU			
10N ME AUGUSTA	BMLET	20020917AAU			
10N NY ALBANY	BLCT	1285	LIC		
10N PA PHILADELPHIA	BLCT	20041119AEQ			
9A CT NORWICH	BPRM	20040109AEI			
10A CT NEW HAVEN	BLCDT	20040701AEC			
10A MA NORWELL	BPRM	20060426AAW	APP		

After	Analysis	

Results for: 10N RI PROVIDENCE	BLCT	2395	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	6704426	28882.5	
not affected by terrain losses	6330843	27059.6	
lost to NTSC IX	731311	3485.3	
lost to additional IX by ATV	3691754	16487.1	
lost to all IX	4423065	19972.4	

Potential Interfering Stations Included in above Scenario 3

9N	I NH	MANCHESTER	BPCT	20050218AAU	CP
10N	I ME	AUGUSTA	BMLET	20020917AAU	LIC
101	I NY	ALBANY	BLCT	1285	LIC
101	I PA	PHILADELPHIA	BLCT	20041119AEQ	LIC
9 <i>1</i>	CT	NORWICH	BPRM	20040109AEI	APP
10 <i>F</i>	A CT	NEW HAVEN	BLCDT	20040701AEC	LIC
10 <i>F</i>	AMA	NORWELL	BPRM	20060426AAW	APP
11P	AMA	SPRINGFIELD	BLCDT	20060619AAS	LIC
11P	NH	DURHAM	USERRECORI	001	APP

*Percent new DTV interference without proposal: 55.1 BLCT 2395
*Percent new DTV interference with proposal: 55.1 BLCT 2395

Result key: 10 Scenario 4 Affected station 3

Before Analysis

Results for: 10N RI PROVIDENCE	BLCT	2395	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	6704426	28882.5	
not affected by terrain losses	6330843	27059.6	
lost to NTSC IX	731311	3485.3	
lost to additional IX by ATV	209155	4216.1	
lost to all IX	940466	7701.5	

Potential Interfering Stations Included in above Scenario 4

9N	NH	MANCHESTER	BPCT	20050218AAU	CP
10N	ME	AUGUSTA	BMLET	20020917AAU	LIC
10N	NY	ALBANY	BLCT	1285	LIC
10N	PA	PHILADELPHIA	BLCT	20041119AEQ	LIC
9A	CT	NORWICH	BPRM	20040109AEI	APP
10A	CT	NEW HAVEN	BLCDT	20040701AEC	LIC
11A	MA	SPRINGFIELD	BLCDT	20060619AAS	LIC

After Analysis

Results for: 10N RI PROVIDENCE	BLCT	2395	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	6704426	28882.5	
not affected by terrain losses	6330843	27059.6	
lost to NTSC IX	731311	3485.3	
lost to additional IX by ATV	209155	4216.1	

lost to all IX 940466 7701.5

TOST TO ALL IX		940400	7701.5		
Potential Interfering Stat	ions Inc	luded in above	Scenario	4	
roccircul incertering beac	TOILD THE	radea iii above	beenario	-	
9N NH MANCHESTER	BPCT	20050218AAU	CP		
10N ME AUGUSTA	BMLET	20020917AAU	LIC		
10N NY ALBANY	BLCT		LIC		
10N PA PHILADELPHIA	BLCT	20041119AEQ			
9A CT NORWICH	BPRM	20040109AEI			
10A CT NEW HAVEN	BLCDT	20040701AEC			
11A MA SPRINGFIELD	BLCDT				
11A NH DURHAM	USERREC		APP		
*Percent new DTV interfere				BLCT	2395
*Percent new DTV interfere				BLCT	2395
refective fiew biv interfect	IICC WICII	proposar.	3.1	DECI	2373
Result key: 11					
Scenario 5 Affected	station	3			
Before Analysis					
-					
Results for: 10N RI PROVIDE	NCE	BLCT	2395	LIC	
	P	OPULATION ARE	CA (sq km)	
within Noise Limited Con	tour	6704426 2	28882.5		
not affected by terrain	losses	6330843 2	7059.6		
lost to NTSC IX		731311	3485.3		
lost to additional IX by	VTA	3688851 1	6430.9		
lost to all IX		4420162 1	9916.2		
Potential Interfering Stat	ions Inc	luded in above	Scenario	5	
9N NH MANCHESTER	BPCT	20050218AAU	CP		
10N ME AUGUSTA	BMLET				
10N NY ALBANY	BLCT	1285	LIC		
10N PA PHILADELPHIA	BLCT	~			
9A CT NORWICH	BPRM				
10A CT NEW HAVEN	DIABTN	DTVP0068	PLN		
10A MA NORWELL	BPRM	20060426AAW			
11A MA SPRINGFIELD	BLCDT	20060619AAS	LIC		
After Analysis					
-					
Results for: 10N RI PROVIDE	NCE	BLCT	2395	LIC	
	P	OPULATION ARE	CA (sq km)	
within Noise Limited Con	tour	6704426 2	28882.5		
not affected by terrain	losses	6330843 2	7059.6		
lost to NTSC IX		731311	3485.3		
lost to additional IX by	VTA	3688851 1	6430.9		
lost to all IX		4420162 1	9916.2		
Potential Interfering Stat	ions Inc	luded in above	Scenario	5	
9N NH MANCHESTER	BPCT	20050218AAU	CP		
10N ME AUGUSTA	BMLET	20020917AAU	LIC		
10N NY ALBANY	BLCT	1285	LIC		
10N PA PHILADELPHIA	BLCT	20041119AEQ	LIC		
9A CT NORWICH	BPRM	20040109AEI	APP		
10A CT NEW HAVEN	DTVPLN	DTVP0068	PLN		
- · · · · · · · · · · · · · · · · · · ·		. =			

10A MA NORWELL BPRM 20060426AAW APP
11A MA SPRINGFIELD BLCDT 20060619AAS LIC
11A NH DURHAM USERRECORD01 APP

*Percent new DTV interference without proposal: 55.0 BLCT 2395

*Percent new DTV interference with proposal: 55.0 BLCT 2395

Result key: 12 Scenario 6 Affected station 3

Before Analysis

Results for: 10N RI PROVIDENCE BLCT 2395 LIC POPULATION AREA (sq km) within Noise Limited Contour 6704426 28882.5 not affected by terrain losses 6330843 27059.6 lost to NTSC IX 731311 3485.3 lost to additional IX by ATV 186562 3316.7 lost to additional IX by ATV 917873 6802.0 917873 6802.0 lost to all IX

Potential Interfering Stations Included in above Scenario 6

 9N NH MANCHESTER
 BPCT
 20050218AAU
 CP

 10N ME AUGUSTA
 BMLET
 20020917AAU
 LIC

 10N NY ALBANY
 BLCT
 1285
 LIC

 10N PA PHILADELPHIA
 BLCT
 20041119AEQ
 LIC

 9A CT NORWICH
 BPRM
 20040109AEI
 APP

 10A CT NEW HAVEN
 DTVPLN
 DTVP0068
 PLN

 11A MA SPRINGFIELD
 BLCDT
 20060619AAS
 LIC

After Analysis

Results for: 10N RI PROVIDENCE BLCT 2395 LIC POPULATION AREA (sq km) within Noise Limited Contour 6704426 28882.5 not affected by terrain losses 6330843 27059.6 lost to NTSC IX 731311 3485.3 lost to additional IX by ATV 186562 3316.7 lost to NTSC IX 731311
lost to additional IX by ATV 186562 lost to all IX 917873

Potential Interfering Stations Included in above Scenario

9N NH MANCHESTER
BPCT 20050218AAU CP
10N ME AUGUSTA
BMLET 20020917AAU LIC
10N NY ALBANY
BLCT 1285 LIC
10N PA PHILADELPHIA
BLCT 20041119AEQ LIC
9A CT NORWICH
BPRM 20040109AEI APP
10A CT NEW HAVEN
DTVPLN DTVP0068 PLN
11A MA SPRINGFIELD
BLCDT 20060619AAS LIC
11A NH DURHAM
USERRECORD01
APP
*Percent new DTV interference without proposal:

*Percent new DTV interference without proposal: 2.8 BLCT 2395
*Percent new DTV interference with proposal: 2.8 BLCT 2395

Result key: 13 Scenario 7 Affected station 3

Before Analysis

Results for: 10N RI PROVIDE	ENCE	BLCT	2395	LIC	
		POPULATION	AREA (sq km)	1	
within Noise Limited Cor	ntour	6704426	28882.5		
not affected by terrain lost to NTSC IX lost to additional IX by	losses	6330843	27059.6		
lost to NTSC IX		731311	3485.3		
lost to additional IX by	/ ATV	3691619	16483.1		
lost to all IX		4422930	19968.4		
Potential Interfering Stat	cions I	ncluded in ab	ove Scenario	7	
9N NH MANCHESTER	ррст	20050218	AAII CD		
10N ME AUGUSTA		20020917	AAU LIC		
10n ny Albany 10n pa philadelphia 10a CT new haven	DICT	200/11110	VEU IIC		
100 PA PHILADELPHIA	PTCI	20041119	AEQ LIC		
10A CI NEW HAVEN	BLCDI	20060426	ALC LIC		
10A MA NORWELL	BPRM	20060426	AAW APP		
11A MA SPRINGFIELD	BTCD.I.	20060619	AAS LIC		
After Analysis					
Results for: 10N RI PROVIDE	ENCE	BLCT	2395	LIC	
within Noise Limited Cor not affected by terrain lost to NTSC IX		POPULATION	AREA (sq km)	1	
within Noise Limited Cor	ntour	6704426	28882.5		
not affected by terrain	losses	6330843	27059.6		
lost to NTSC IX		731311	3485.3		
lost to additional IX by	7 ATV	3691619	16483.1		
lost to all IX		4422930	19968.4		
Potential Interfering Stat	cions I:	ncluded in ab	ove Scenario	7	
9N NH MANCHESTER	BPCT	20050218 20020917 1285	AAU CP		
10N ME AUGUSTA	BMLET	20020917	AAU LIC		
10N NY ALBANY	BLCT	1285	LIC		
10N PA PHILADELPHIA	BLCT	20041119	AEQ LIC		
10A CT NEW HAVEN	BLCDT	20040701	AEC LIC		
		20060426			
11A MA SPRINGFIELD					
11a NH DURHAM		ECORD01	APP		
*Percent new DTV interfere				BLCT	2395
*Percent new DTV interfere			55.1	BLCT	2395
10100110 11011 211 111001101		011 F10F0201	55.1	2201	2070
Result key: 14					
Scenario 8 Affected	1 a+a+:	on 3			
	ı Statı				
Before Analysis		011 3			
		OII 3			
Results for: 10N RI PROVIDE	ENCE	BLCT	2395	LIC	
Results for: 10N RI PROVIDE	ENCE	BLCT			
		BLCT POPULATION	AREA (sq km)		
within Noise Limited Cor	ntour	BLCT POPULATION 6704426	AREA (sq km) 28882.5		
within Noise Limited Cor not affected by terrain	ntour	BLCT POPULATION 6704426 6330843	AREA (sq km) 28882.5 27059.6		
within Noise Limited Cor not affected by terrain lost to NTSC IX	ntour losses	BLCT POPULATION 6704426 6330843 731311	AREA (sq km) 28882.5 27059.6 3485.3		
within Noise Limited Cor not affected by terrain lost to NTSC IX lost to additional IX by	ntour losses	BLCT POPULATION 6704426 6330843 731311 201020	AREA (sq km) 28882.5 27059.6 3485.3 4139.8		
within Noise Limited Cor not affected by terrain lost to NTSC IX	ntour losses	BLCT POPULATION 6704426 6330843 731311	AREA (sq km) 28882.5 27059.6 3485.3		
within Noise Limited Cornot affected by terrain lost to NTSC IX lost to additional IX by lost to all IX	ntour losses ⁄ ATV	BLCT POPULATION 6704426 6330843 731311 201020 932331	AREA (sq km) 28882.5 27059.6 3485.3 4139.8 7625.2		
within Noise Limited Cor not affected by terrain lost to NTSC IX lost to additional IX by	ntour losses ⁄ ATV	BLCT POPULATION 6704426 6330843 731311 201020 932331	AREA (sq km) 28882.5 27059.6 3485.3 4139.8 7625.2		

20050218AAU CP

BPCT

9N NH MANCHESTER

		1285	LIC C LIC		
After Analysis					
Results for: 10N RI PROVIDE within Noise Limited Con not affected by terrain lost to NTSC IX lost to additional IX by lost to all IX	tour losses	6704426 6330843 731311	2395 REA (sq km) 28882.5 27059.6 3485.3 4139.8 7625.2	LIC	
Potential Interfering Stat	ions In	cluded in above	e Scenario	8	
10N PA PHILADELPHIA	BLCDT BLCDT USERRE	20020917AAT 1285 20041119AEG 20040701AEG 20060619AAS	J LIC LIC Q LIC C LIC S LIC APP	BI.CT	2395
*Percent new DTV interfere					2395
Result key: 15 Scenario 9 Affected Before Analysis Results for: 10N RI PROVIDE within Noise Limited Connot affected by terrain	NCE tour	BLCT POPULATION AF 6704426 6330843	2395 REA (sq km) 28882.5 27059.6	LIC	
lost to NTSC IX lost to additional IX by	ATV	731311 3688716	3485.3 16426.9		
lost to all IX		4420027	19912.2		
Potential Interfering Stat	ions In	cluded in above	e Scenario	9	
9N NH MANCHESTER 10N ME AUGUSTA 10N NY ALBANY 10N PA PHILADELPHIA 10A CT NEW HAVEN 10A MA NORWELL 11A MA SPRINGFIELD	BPCT BMLET BLCT BLCT DTVPLN BPRM BLCDT	20060426AAV	J LIC LIC Q LIC PLN W APP		
After Analysis					
Results for: 10N RI PROVIDE within Noise Limited Con		BLCT POPULATION AF 6704426	2395 REA (sq km) 28882.5	LIC	
not affected by terrain			27059.6		

lost to NTSC IX	ז זייד ז		3485.3 16426.9		
lost to additional IX by lost to all IX	AIV		19912.2		
Potential Interfering Stat	ions Incl	luded in above	Scenario	9	
9N NH MANCHESTER		20050218AAU			
10N ME AUGUSTA		20020917AAU			
10N NY ALBANY	BLCT	1285	LIC		
	BLCT	20041119AEQ			
10A CT NEW HAVEN	DTVPLN	DTVP0068 20060426AAW	PLN		
		20060426AAW 20060619AAS			
11A MA SPRINGFIELD 11A NH DURHAM	USERREC(APP		
*Percent new DTV interferen				DT CT	2395
*Percent new DTV interference *Perce	nce with	proposal:	55.0	BLCT	2395
Result key: 16					
Scenario 10 Affected Before Analysis	station	3			
Results for: 10N RI PROVIDE	NCE	BLCT	2395	LIC	
		OPULATION AR	EA (sq km)	
within Noise Limited Con	tour	6704426	28882.5		
not affected by terrain	losses		27059.6		
lost to NTSC IX			3485.3		
lost to additional IX by	ATV	178589	3244.4		
lost to all IX		909900	6729.8		
Potential Interfering Stat.	ions Incl	luded in above	Scenario	10	
9N NH MANCHESTER	BPCT	20050218AAU	CP		
10N ME AUGUSTA	BMLET	20020917AAU	LIC		
10N NY ALBANY	BLCT	1285	LIC		
10N PA PHILADELPHIA	BLCT	20041119AEQ	LIC		
10A CT NEW HAVEN	DTVPLN	DTVP0068	PLN		
11A MA SPRINGFIELD	BLCDT	20060619AAS	LIC		
After Analysis					
Results for: 10N RI PROVIDE	_	BLCT OPULATION AR	2395 .EA (sq km	LIC	
within Noise Limited Con		6704426	28882.5	,	
not affected by terrain	losses	6330843	27059.6		
lost to NTSC IX		731311	3485.3		
lost to additional IX by	ATV	178589	3244.4		
lost to all IX		909900	6729.8		
Potential Interfering Stat	ions Incl	luded in above	Scenario	10	
9N NH MANCHESTER	BPCT	20050218AAU	CP		
10N ME AUGUSTA	BMLET	20020917AAU	LIC		
10N NY ALBANY	BLCT	1285	LIC		
10N PA PHILADELPHIA	BLCT	20041119AEQ	LIC		
10A CT NEW HAVEN	DTVPLN	DTVP0068	PLN		
11A MA SPRINGFIELD	BLCDT	20060619AAS	LIC		

APP 11A NH DURHAM USERRECORD01

*Percent new DTV interference without proposal: 2.7 BLCT 2395
*Percent new DTV interference with proposal: 2.7 BLCT 2395

Analysis of Interference to Affected Station 4

DTV Baseline Analysis

Channel Call City/State Application Ref. No. WWLP-DT SPRINGFIELD MA DTVPLN -DTVP0084 11

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Applicati	on Ref. No.
10	WTNH-DT	NEW HAVEN CT	76.4	PLN	DTVPLN	-DTVP0068
10	WTEN	ALBANY NY	122.8	PLN	DTVPLN	-NPLN0671
10	WJAR	PROVIDENCE RI	119.6	PLN	DTVPLN	-NPLN0679
11	WENHTV	DURHAM NH	172.2	PLN	DTVPLN	-NPLN0728
11	WPIX	NEW YORK NY	187.6	PLN	DTVPLN	-NPLN0731
11	WBRE-DT	WILKES-BARRE PA	281.2	PLN	DTVPLN	-DTVP0089
12	WTXX-DT	WATERBURY CT	68.2	PLN	DTVPLN	-DTVP0097
12	WPRITV	PROVIDENCE RI	119.7	PLN	DTVPLN	-NPLN0793

Results for: 11A MA SPRINGFIELD DTVPLN DTVP0084 PLN HAAT 268.0 m, ATV ERP 3.2 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2913509	17561.9
not affected by terrain losses	2483771	14999.3
lost to NTSC IX	221298	1637.7
lost to additional IX by ATV	98662	216.2
lost to ATV IX only	218843	592.6
lost to all IX	319960	1853.9

NTSC Baseline Analysis

Channel Call City/State Application Ref. No. 22 WWLP SPRINGFIELD MA DTVPLN -NPLN1144

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Applicat	ion Ref. No.
15	WNYT-DT	ALBANY NY	108.7	PLN	DTVPLN	-DTVP0183
18	WMFP-DT	LAWRENCE MA	138.6	PLN	DTVPLN	-DTVP0307
19	WCDCTV	ADAMS MA	72.3	PLN	DTVPLN	-NPLN1045
19	WGBH-DT	BOSTON MA	123.3	PLN	DTVPLN	-DTVP0356
20	WTXX	WATERBURY CT	68.2	PLN	DTVPLN	-NPLN1070
20	WCVB-DT	BOSTON MA	123.3	PLN	DTVPLN	-DTVP0399
21	WNBU	CONCORD NH	166.6	PLN	DTVPLN	-NPLN1116
21	WLIW	GARDEN CITY NY	157.0	PLN	DTVPLN	-NPLN1120
21	WRNN-DT	KINGSTON NY	115.2	PLN	DTVPLN	-DTVP0450
21	WSBE-DT	PROVIDENCE RI	106.4	PLN	DTVPLN	-DTVP0455
22	WLWC-DT	NEW BEDFORD MA	150.8	PLN	DTVPLN	-DTVP0484
22	WNJS-DT	CAMDEN NJ	317.7	PLN	DTVPLN	-DTVP0496
22	WLIW-DT	GARDEN CITY NY	157.0	PLN	DTVPLN	-DTVP0499

22	WYOU	SCRANTON PA	281.8	PLN	DTVPLN	-NPLN1154
22	WVNY	BURLINGTON VT	271.7	PLN	DTVPLN	-NPLN1160
23	WHSH-DT	MARLBOROUGH MA	105.0	PLN	DTVPLN	-DTVP0527
23	VTAXXW	ALBANY NY	122.7	PLN	DTVPLN	-NPLN1184
23	WHSI-DT	SMITHTOWN NY	134.4	PLN	DTVPLN	-DTVP0537
24	WEDH	HARTFORD CT	35.5	PLN	DTVPLN	-NPLN1202
25	WFXT	BOSTON MA	124.7	PLN	DTVPLN	-NPLN1247
26	WTWS	NEW LONDON CT	85.1	PLN	DTVPLN	-NPLN1268
26	WTEN-DT	ALBANY NY	122.8	PLN	DTVPLN	-DTVP0647
29	WUNI-DT	WORCESTER MA	86.0	PLN	DTVPLN	-DTVP0746
30	TIVW	NEW BRITAIN CT	44.0	PLN	DTVPLN	-NPLN1377
30	WBZ-DT	BOSTON MA	123.3	PLN	DTVPLN	-DTVP0791
36	WCDC-DT	ADAMS MA	72.3	PLN	DTVPLN	-DTVP1018
36	WSBETV	PROVIDENCE RI	106.4	PLN	DTVPLN	-NPLN1528

Results for: 22N MA SPRINGFIELD DTVPLN NPLN1144 PLN

	POPULATION	AREA (sq km)
within Noise Limited Contour	2869372	16913.3
not affected by terrain losses	2395095	14002.3
lost to NTSC IX	283155	1657.7
lost to additional IX by ATV	83439	1069.1
lost to all IX	366594	2726.8

Analysis of current record

Channel Call City/State Application Ref. No. 11 WWLP-DT SPRINGFIELD MA DTVPLN -DTVP0084

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	on Ref. No.
10	WTNH	NEW HAVEN CT	76.4	LIC	BLCDT	-20040701AEC
10	WTNH-DT	NEW HAVEN CT	76.4	PLN	DTVPLN	-DTVP0068
10	WWDP	NORWELL MA	137.2	APP	BPRM	-20060426AAW
10	WTEN	ALBANY NY	122.8	LIC	BLCT	-1285
10	WJAR	PROVIDENCE RI	119.6	LIC	BLCT	-2395
11	WENHTV	DURHAM NH	172.2	PLN	DTVPLN	-NPLN0728
11	WPIX	NEW YORK NY	183.0	APP	BPCT	-20040212AAA
11	WPIX	NEW YORK NY	187.6	LIC	BLCT	-19810826KH
11	WBRE-DT	WILKES-BARRE PA	281.2	PLN	DTVPLN	-DTVP0089
11	WBRE-TV	WILKES-BARRE PA	281.8	LIC	BLCDT	-20051123AJX
12	WTXX-DT	WATERBURY CT	68.2	PLN	DTVPLN	-DTVP0097
12	WTXX	WATERBURY CT	43.7	CP MOD	BMPCDT	-20040608ABI
12	WNYT	ALBANY NY	123.0	LIC	BLCDT	-20031022ABL
12	WNYT-DR	ALBANY NY	123.3	LIC	BPRM	-20000413AAC
12	WPRI-TV	PROVIDENCE RI	119.7	LIC	BLCT	-1750
11	WENH-D11	DURHAM NH	172.2	APP	USERRECORI	0-01

Total scenarios = 32

Result key: 17
Scenario 1 Affected station 4

Before Analysis

HAAT 268.0 m, ATV ERP 3.2 kW Results for: 11A MA SPRINGFIELD

POPULATION AREA (sq km)

within Noise Limited Con	tour	2913509	17561.9	
not affected by terrain			14999.3	
lost to NTSC IX		123131	848.9	
lost to additional IX by	ATV		384.4	
lost to ATV IX only		228114	664.7	
lost to all IX		283019	1233.3	
1050 00 011 111		203019	1233.3	
Potential Interfering Stat:	ions Inc	luded in above	Scenario	1
11N NY NEW YORK	BLCT	19810826КН	LIC	
10A CT NEW HAVEN	BLCDT			
11A PA WILKES-BARRE	DTVPLN			
		DTVP0097		
		20031022ABL		
After Analysis				
Results for: 11A MA SPRINGF:	IELD	DTVPLN	DTVP0084	PLN
HAAT 268.0 m, ATV ERP	3.2 kW			
			EA (sq km)	
within Noise Limited Cont	tour	2913509	17561.9	
not affected by terrain 1	losses		14999.3	
lost to NTSC IX			848.9	
lost to additional IX by	ATV	189872	708.7	
lost to ATV IX only		291151	1245.3	
lost to all IX		313003	1557.6	
Potential Interfering Stat:	ions Inc	luded in above	Scenario	1
11M MW MERI WORK	DT CITI	10010006	T T.O.	
11N NY NEW YORK 10A CT NEW HAVEN	BLCT			
	BLCDT			
12A CT WATERBURY	DIVPLN	DTVP0089 DTVP0097	PLM	
12A CI WAIERBURI 12A NY ALBANY	BLCDT	20031022ABL	TIC	
11A NH DURHAM	USERREC		APP	
*Percent Service lost with				DTVP0084
*Percent Service lost with	nroposa 'nroposa	1: -0 3	to DIVPLN	DTVP0084
refectite betvice fose with	рторова.	0.5	CO DIVIEN	DIVIOUOI
Result key: 18				
Scenario 2 Affected	station	4		
Before Analysis	Beacion	1		
Deloie Analysis				
Results for: 11A MA SPRINGF	TEI'D	DTVPI	DTVP0084	PLN
HAAT 268.0 m, ATV ERP			DIVIOUOI	1 111
11111 20010, 1111 2111			EA (sq km)	
within Noise Limited Cont			17561.9	
not affected by terrain			14999.3	
lost to NTSC IX	105565	123131	848.9	
lost to additional IX by	Δ Τ'\ 7	159847	408.4	
lost to ATV IX only	711 V	228073	688.7	
lost to all IX		282978	1257.3	
2020 00 041 111				
Potential Interfering Stat:	ions Inc	luded in above	Scenario	2
11N NY NEW YORK	BLCT	19810826КН	LIC	
10A CT NEW HAVEN	BLCDT			
- ··			='	

12A CT WATERBURY	DTVPLN	DTVP0089 DTVP0097 20000413AAC	PLN PLN LIC	
After Analysis				
Results for: 11A MA SPRINGF HAAT 268.0 m, ATV ERP	3.2 kW		DTVP0084 A (sq km)	PLN
within Noise Limited Con not affected by terrain lost to NTSC IX lost to additional IX by	losses 2	483771 1 123131	7561.9 4999.3 848.9 732.7	
lost to ATV IX only lost to all IX		291110 312962		
Potential Interfering Stat	ions Inclu	ded in above	Scenario	2
10A CT NEW HAVEN 11A PA WILKES-BARRE	DTVPLN DTVPLN BPRM	20040701AEC DTVP0089 DTVP0097 20000413AAC	LIC	
*Percent Service lost with *Percent Service lost with	out propos proposal:	eal: -1.7 -0.3	to DTVPLN to DTVPLN	DTVP0084 DTVP0084
Result key: 19 Scenario 3 Affected Before Analysis	station	4		
Results for: 11A MA SPRINGF HAAT 268.0 m, ATV ERP			DTVP0084	PLN
within Noise Limited Con not affected by terrain lost to NTSC IX lost to additional IX by lost to ATV IX only	tour 2 losses 2	913509 1 483771 1	A (sq km) 7561.9 4999.3 848.9 480.5 796.8	
lost to all IX			1329.4	
Potential Interfering Stat	ions Inclu			3
		19810826KH 20040701AEC DTVP0089 20040608ABI 20031022ABL	PLN CP	
After Analysis				
Results for: 11A MA SPRINGF HAAT 268.0 m, ATV ERP	3.2 kW			PLN
within Noise Limited Con not affected by terrain	tour 2	913509 1	A (sq km) 7561.9 4999.3	

Lost to NTSC IX					
Tost to AIV IX			123131		
Potential Interfering Stations Included in above Scenario 3	lost to additional IX by	ATV	219762	808.8	
Potential Interfering Stations Included in above Scenario 3	lost to ATV IX only		323785	13/3.4	
11N NY NEW YORK BLCDT 20040701AEC LIC	TOST TO ALL IX		342893	105/./	
10A CT NEW HAVEN	Potential Interfering Stat	ions Incl	uded in above	Scenario	3
11A PA WILKES-BARRE		BLCT	19810826КН	LIC	
12A CT WATERBURY BMPCDT 2004040608ABI CP		BLCDT	20040701AEC	LIC	
12A CT WATERBURY BMPCDT 2004040608ABI CP	11A PA WILKES-BARRE	DTVPLN	DTVP0089	PLN	
Percent Service lost without proposal: -0.3 to DTVPLN DTVP0084 **Percent Service lost with proposal: -1.1 to DTVPLN DTVP0084 **Percent Service lost with proposal: -1.1 to DTVPLN DTVP0084 **Percent Service lost with proposal: -1.1 to DTVPLN DTVP0084 **Result key: 20 **Secario 4 Affected station 4 **Before Analysis **Results for: 11A MA SPRINGFIELD DTVPLN DTVP0084 PLN **HAAT 268.0 m, ATV ERP 3.2 kW **POPULATION AREA (sq km) within Noise Limited Contour 2913509 17561.9 not affected by terrain losses 2483771 14999.3 lost to NTSC IX 123131 848.9 lost to additional IX by ATV 189737 504.5 lost to ATV IX only 261700 820.8 lost to ATV IX only 261700 820.8 10st to all IX 312868 1353.4 **Potential Interfering Stations Included in above Scenario 4 **IN NY NEW YORK BLCT 19810826KH LIC 10A CT NEW HAVEN BHCDT 20040701AEC LIC 11A PA WILKES-BARRE DTVPLN DTVP0089 PLN 12A CT WATERBURY BMPCDT 20040608ABI CP 12A NY ALBANY BPRM 20000413AAC LIC **After Analysis** **Results for: 11A MA SPRINGFIELD DTVPLN DTVP0084 PLN HAAT 268.0 m, ATV ERP 3.2 kW **within Noise Limited Contour 2913509 17561.9 not affected by terrain losses 2483771 14999.3 lost to additional IX by ATV 219721 832.8 lost to	12A CT WATERBURY	BMPCDT	20040608ABI	CP	
*Percent Service lost without proposal: -0.3 to DTVPLN DTVP0084 *Percent Service lost with proposal: 1.1 to DTVPLN DTVP0084 *Percent Service lost with proposal: 1.1 to DTVPLN DTVP0084 *Result key: 20 Scenario					
*Percent Service lost with proposal: 1.1 to DTVPLN DTVP0084 Result key: 20 Scenario 4 Affected station 4 Before Analysis Results for: 11A MA SPRINGFIELD DTVPLN DTVP0084 PLN HAAT 268.0 m, ATV ERP 3.2 kW POPULATION AREA (sq km) within Noise Limited Contour 2913509 17561.9 not affected by terrain losses 2483771 14999.3 lost to NTSC IX 123131 848.9 lost to additional IX by ATV 189737 504.5 lost to ATV IX only 261700 820.8 lost to all IX 312868 1353.4 Potential Interfering Stations Included in above Scenario 4 11N NY NEW YORK BLCT 19810826KH LIC 10A CT NEW HAVEN BLCDT 20040701AEC LIC 11A PA WILKES-BARRE DTVPLN DTVPD089 PLN 12A CT WATERBURY BMPCDT 20040608ABI CP 12A NY ALBANY BPRM 20000413AAC LIC After Analysis Results for: 11A MA SPRINGFIELD DTVPLN DTVP0084 PLN HAAT 268.0 m, ATV ERP 3.2 kW Within Noise Limited Contour 2913509 17561.9 not affected by terrain losses 2483771 14999.3 lost to NTSC IX 123131 848.9 lost to ATV IX only 323744 13397.4 lost to additional IX by ATV 219721 832.8 lost to ATV IX only 323744 1397.4 lost to additional IX by ATV 219721 832.8 lost to ATV IX only 323744 1397.4 lost to all IX 342852 1681.7 Potential Interfering Stations Included in above Scenario 4 11N NY NEW YORK BLCT 19810826KH LIC 10A CT NEW HAVEN BLCDT 20040701AEC LIC 11A PA WILKES-BARRE DTVPLN DTVP0089 PLN	*Domant Commiss lost with	USERRECC	RDUI 0 2	APP	D.0.7.D.0.0.4
Result key: 20 Scenario	*Percent Service lost with	out propo	· 1 1	to DIABTN	DIVPU04
Scenario	reitent service lost with	proposar	. 1.1	CO DIVPLN	DIVPOOG
Scenario	Pogult kovi 20				
Results for: 11A MA SPRINGFIELD	Scenario 4 Affected	gtation	4		
Results for: 11A MA SPRINGFIELD DTVPLN DTVP0084 PLN HAAT 268.0 m, ATV ERP 3.2 kW within Noise Limited Contour 2913509 17561.9 not affected by terrain losses 2483771 14999.3 lost to NTSC IX 123131 848.9 lost to additional IX by ATV 189737 504.5 lost to ATV IX only 261700 820.8 lost to all IX 312868 1353.4 Potential Interfering Stations Included in above Scenario 4 11N NY NEW YORK BLCT 19810826KH LIC 10A CT NEW HAVEN BLCDT 20040701AEC LIC After Analysis Results for: 11A MA SPRINGFIELD DTVPLN DTVP0089 PLN HAAT 268.0 m, ATV ERP 3.2 kW POPULATION AREA (sq km) within Noise Limited Contour 2913509 17561.9 not affected by terrain losses 2483771 14999.3 lost to NTSC IX 123131 848.9 lost to ATV IX only 323744 1397.4 lost to ATV IX only 323744 1397.4 lost to all IX 342852 1681.7 Potential Interfering Stations Included in above Scenario 4 11N NY NEW YORK BLCT 19810826KH LIC 12A NY ALBANY BPR 2000413AAC LIC After Analysis Results for: 11A MA SPRINGFIELD DTVPLN DTVP0084 PLN Within Noise Limited Contour 2913509 17561.9 not affected by terrain losses 2483771 14999.3 lost to NTSC IX 123131 848.9 lost to ATV IX only 323744 1397.4 lost to all IX 342852 1681.7 Potential Interfering Stations Included in above Scenario 4 11N NY NEW YORK BLCT 19810826KH LIC 10A CT NEW HAVEN BLCDT 20040701AEC LIC 11A PA WILKES-BARRE DTVPLN DTVP0089 PLN		Beacion	1		
HAAT 268.0 m, ATV ERP 3.2 kW	201010 11101/212				
POPULATION AREA (sq km) within Noise Limited Contour 2913509 17561.9 not affected by terrain losses 2483771 14999.3 lost to NTSC IX 123131 848.9 lost to additional IX by ATV 189737 504.5 lost to ATV IX only 261700 820.8 lost to all IX 312868 1353.4 Potential Interfering Stations Included in above Scenario 4 11N NY NEW YORK BLCT 19810826KH LIC LIC LIA PA WILKES-BARRE DTVPLN DTVP0089 PLN LIC LIA PA WILKES-BARRE DTVPLN DTVP0089 PLN LIC LIC LIA PA WILKES-BARRE DTVPLN DTVPLN DTVP0084 PLN LIC LIC LIA PA WILKES-BARRE DTVPLN DTVPLN DTVP0084 PLN LIC L			DTVPLN	DTVP0084	PLN
within Noise Limited Contour 2913509 17561.9 not affected by terrain losses 2483771 14999.3 lost to NTSC IX 123131 848.9 lost to additional IX by ATV 189737 504.5 lost to ATV IX only 261700 820.8 lost to all IX 312868 1353.4 Potential Interfering Stations Included in above Scenario 4 11N NY NEW YORK BLCT 19810826KH LIC 10A CT NEW HAVEN BLCDT 20040701AEC LIC 11A PA WILKES-BARRE DTVPLN DTVPO089 PLN 12A CT WATERBURY BMPCDT 20040608ABI CP 12A NY ALBANY BPRM 20000413AAC LIC After Analysis Results for: 11A MA SPRINGFIELD DTVPLN DTVPD084 PLN Within Noise Limited Contour 2913509 17561.9 not affected by terrain losses 2483771 14999.3 lost to NTSC IX 123131 848.9 lost to additional IX by ATV 219721 832.8 lost to ATV IX only <td>HAAT 268.0 m, ATV ERP</td> <td></td> <td>_</td> <td></td> <td></td>	HAAT 268.0 m, ATV ERP		_		
Not affected by terrain losses					
lost to NTSC IX					
lost to additional IX by ATV 189737 504.5 lost to ATV IX only 261700 820.8 lost to all IX 312868 1353.4 Potential Interfering Stations Included in above Scenario 4 11N NY NEW YORK BLCT 19810826KH LIC 10A CT NEW HAVEN BLCDT 20040701AEC LIC 11A PA WILKES-BARRE DTVPLN DTVP0089 PLN 12A CT WATERBURY BMPCDT 20040608ABI CP 12A NY ALBANY BPRM 20000413AAC LIC After Analysis Results for: 11A MA SPRINGFIELD DTVPLN DTVP0084 PLN HAAT 268.0 m, ATV ERP 3.2 kW POPULATION AREA (sq km) within Noise Limited Contour 2913509 17561.9 not affected by terrain losses 2483771 14999.3 lost to NTSC IX 123131 848.9 lost to additional IX by ATV 219721 832.8 lost to ATV IX only 323744 1397.4 lost to all IX 342852 1681.7 Potential Interfering Stations Included in above Scenario 4 11N NY NEW YORK BLCT 19810826KH LIC 10A CT NEW HAVEN BLCDT 20040701AEC LIC 11A PA WILKES-BARRE DTVPLN DTVP0089 PLN					
lost to ATV IX only 261700 820.8 1353.4		· Δπ7	189737	504 5	
Potential Interfering Stations Included in above Scenario 4 11N NY NEW YORK BLCT 19810826KH LIC 10A CT NEW HAVEN BLCDT 20040701AEC LIC 11A PA WILKES-BARRE DTVPLN DTVP0089 PLN 12A CT WATERBURY BMPCDT 20040608ABI CP 12A NY ALBANY BPRM 20000413AAC LIC After Analysis Results for: 11A MA SPRINGFIELD DTVPLN DTVP0084 PLN HAAT 268.0 m, ATV ERP 3.2 kW POPULATION AREA (sq km) within Noise Limited Contour 2913509 17561.9 not affected by terrain losses 2483771 14999.3 lost to NTSC IX 123131 848.9 lost to additional IX by ATV 219721 832.8 lost to additional IX by ATV 219721 832.8 lost to ATV IX only 323744 1397.4 lost to all IX 342852 1681.7 Potential Interfering Stations Included in above Scenario 4 11N NY NEW YORK BLCT 19810826KH LIC 10A CT NEW HAVEN BLCDT 20040701AEC LIC 11A PA WILKES-BARRE DTVPLN DTVP0089 PLN	lost to ATV IX only	AIV	261700	820 8	
Potential Interfering Stations Included in above Scenario 4 11N NY NEW YORK BLCT 19810826KH LIC 10A CT NEW HAVEN BLCDT 20040701AEC LIC 11A PA WILKES-BARRE DTVPLN DTVP0089 PLN 12A CT WATERBURY BMPCDT 20040608ABI CP 12A NY ALBANY BPRM 20000413AAC LIC After Analysis Results for: 11A MA SPRINGFIELD DTVPLN DTVP0084 PLN HAAT 268.0 m, ATV ERP 3.2 kW POPULATION AREA (sq km) within Noise Limited Contour 2913509 17561.9 not affected by terrain losses 2483771 14999.3 lost to NTSC IX 123131 848.9 lost to additional IX by ATV 219721 832.8 lost to additional IX by ATV 219721 832.8 lost to ATV IX only 323744 1397.4 lost to all IX 342852 1681.7 Potential Interfering Stations Included in above Scenario 4 11N NY NEW YORK BLCT 19810826KH LIC 10A CT NEW HAVEN BLCDT 20040701AEC LIC 11A PA WILKES-BARRE DTVPLN DTVP0089 PLN	lost to all IX		312868	1353.4	
11N NY NEW YORK					
10A CT NEW HAVEN 11A PA WILKES-BARRE 10TVPLN 12A CT WATERBURY 12A CT WATERBURY 12A NY ALBANY 12A DEPTH 20040608ABI CP 12A NY ALBANY 12A DEPTH 20000413AAC LIC After Analysis Results for: 11A MA SPRINGFIELD 12A NY ALBANY 12A DEPTH 20000413AAC LIC After Analysis Results for: 11A MA SPRINGFIELD 12A NY ALBANY 12A DEPTH 20000413AAC LIC After Analysis Results for: 11A MA SPRINGFIELD 12A DEPTH 20000413AAC LIC After Analysis Results for: 11A MA SPRINGFIELD 12A DEPTH 20000413AAC LIC POPULATION AREA (sq km) Within Noise Limited Contour 12A DEPTH 2013509 17561.9 not affected by terrain losses 17561.9 not affected by terrain losses 17561.9 not affected by terrain losses 17561.9 17561.	Potential Interfering Stat	ions Incl	uded in above	Scenario	4
11A PA WILKES-BARRE DTVPLN DTVP0089 PLN 12A CT WATERBURY BMPCDT 20040608ABI CP 12A NY ALBANY BPRM 20000413AAC LIC After Analysis Results for: 11A MA SPRINGFIELD DTVPLN DTVP0084 PLN HAAT 268.0 m, ATV ERP 3.2 kW POPULATION AREA (sq km) within Noise Limited Contour 2913509 17561.9 not affected by terrain losses 2483771 14999.3 lost to NTSC IX 123131 848.9 lost to additional IX by ATV 219721 832.8 lost to ATV IX only 323744 1397.4 lost to all IX 342852 1681.7 Potential Interfering Stations Included in above Scenario 4 11N NY NEW YORK BLCT 19810826KH LIC 10A CT NEW HAVEN BLCDT 20040701AEC LIC 11A PA WILKES-BARRE DTVPLN DTVP0089 PLN	11N NY NEW YORK	BLCT	19810826КН	LIC	
12A CT WATERBURY 12A NY ALBANY BPRM 20000413AAC LIC After Analysis Results for: 11A MA SPRINGFIELD HAAT 268.0 m, ATV ERP 3.2 kW POPULATION AREA (sq km) within Noise Limited Contour not affected by terrain losses 2483771 14999.3 lost to NTSC IX lost to ATV IX only 323744 1397.4 lost to additional IX by ATV 219721 832.8 lost to ATV IX only 323744 1397.4 lost to all IX 342852 1681.7 Potential Interfering Stations Included in above Scenario 4 11N NY NEW YORK BLCT 19810826KH LIC 10A CT NEW HAVEN BLCDT 20040701AEC LIC 11A PA WILKES-BARRE DTVPLN DTVP0089 PLN					
After Analysis Results for: 11A MA SPRINGFIELD DTVPLN DTVP0084 PLN HAAT 268.0 m, ATV ERP 3.2 kW POPULATION AREA (sq km) within Noise Limited Contour 2913509 17561.9 not affected by terrain losses 2483771 14999.3 lost to NTSC IX 123131 848.9 lost to additional IX by ATV 219721 832.8 lost to ATV IX only 323744 1397.4 lost to all IX 342852 1681.7 Potential Interfering Stations Included in above Scenario 4 11N NY NEW YORK BLCT 19810826KH LIC 10A CT NEW HAVEN BLCDT 20040701AEC LIC 11A PA WILKES-BARRE DTVPLN DTVP0089 PLN					
After Analysis Results for: 11A MA SPRINGFIELD DTVPLN DTVP0084 PLN HAAT 268.0 m, ATV ERP 3.2 kW POPULATION AREA (sq km) within Noise Limited Contour 2913509 17561.9 not affected by terrain losses 2483771 14999.3 lost to NTSC IX 123131 848.9 lost to additional IX by ATV 219721 832.8 lost to ATV IX only 323744 1397.4 lost to all IX 342852 1681.7 Potential Interfering Stations Included in above Scenario 4 11N NY NEW YORK BLCT 19810826KH LIC 10A CT NEW HAVEN BLCDT 20040701AEC LIC 11A PA WILKES-BARRE DTVPLN DTVP0089 PLN	12A CT WATERBURY	BMPCDT	20040608ABI	CP	
Results for: 11A MA SPRINGFIELD DTVPLN DTVP0084 PLN HAAT 268.0 m, ATV ERP 3.2 kW POPULATION AREA (sq km) within Noise Limited Contour 2913509 17561.9 not affected by terrain losses 2483771 14999.3 lost to NTSC IX 123131 848.9 lost to additional IX by ATV 219721 832.8 lost to ATV IX only 323744 1397.4 lost to all IX 342852 1681.7 Potential Interfering Stations Included in above Scenario 4 11N NY NEW YORK BLCT 19810826KH LIC 10A CT NEW HAVEN BLCDT 20040701AEC LIC 11A PA WILKES-BARRE DTVPLN DTVP0089 PLN	12A NY ALBANY	BPRM	20000413AAC	LIC	
### HAAT 268.0 m, ATV ERP 3.2 kW POPULATION AREA (sq km)	After Analysis				
### HAAT 268.0 m, ATV ERP 3.2 kW POPULATION AREA (sq km)	Results for: 11A MA SPRINGE	TEI.D	DTVPLN	DTVP0084	PLN
within Noise Limited Contour 2913509 17561.9 not affected by terrain losses 2483771 14999.3 lost to NTSC IX 123131 848.9 lost to additional IX by ATV 219721 832.8 lost to ATV IX only 323744 1397.4 lost to all IX 342852 1681.7 Potential Interfering Stations Included in above Scenario 4 11N NY NEW YORK BLCT 19810826KH LIC 10A CT NEW HAVEN BLCDT 20040701AEC LIC 11A PA WILKES-BARRE DTVPLN DTVP0089 PLN			21,121,	21,10001	
not affected by terrain losses 2483771 14999.3 lost to NTSC IX 123131 848.9 lost to additional IX by ATV 219721 832.8 lost to ATV IX only 323744 1397.4 lost to all IX 342852 1681.7 Potential Interfering Stations Included in above Scenario 4 11N NY NEW YORK BLCT 19810826KH LIC 10A CT NEW HAVEN BLCDT 20040701AEC LIC 11A PA WILKES-BARRE DTVPLN DTVP0089 PLN	ŕ		PULATION AR	EA (sq km)	
lost to NTSC IX lost to additional IX by ATV lost to ATV IX only lost to ATV IX only lost to all IX lost to additional IX by ATV lost to all IX lost to additional IX by ATV lost to ald IX lost to all I	within Noise Limited Con	itour	2913509	17561.9	
lost to additional IX by ATV 219721 832.8 lost to ATV IX only 323744 1397.4 lost to all IX 342852 1681.7 Potential Interfering Stations Included in above Scenario 4 11N NY NEW YORK BLCT 19810826KH LIC 10A CT NEW HAVEN BLCDT 20040701AEC LIC 11A PA WILKES-BARRE DTVPLN DTVP0089 PLN	not affected by terrain	losses	2483771	14999.3	
lost to ATV IX only 323744 1397.4 lost to all IX 342852 1681.7 Potential Interfering Stations Included in above Scenario 4 11N NY NEW YORK BLCT 19810826KH LIC 10A CT NEW HAVEN BLCDT 20040701AEC LIC 11A PA WILKES-BARRE DTVPLN DTVP0089 PLN					
lost to all IX 342852 1681.7 Potential Interfering Stations Included in above Scenario 4 11N NY NEW YORK BLCT 19810826KH LIC 10A CT NEW HAVEN BLCDT 20040701AEC LIC 11A PA WILKES-BARRE DTVPLN DTVP0089 PLN		ATV			
Potential Interfering Stations Included in above Scenario 4 11N NY NEW YORK BLCT 19810826KH LIC 10A CT NEW HAVEN BLCDT 20040701AEC LIC 11A PA WILKES-BARRE DTVPLN DTVP0089 PLN					
11N NY NEW YORK BLCT 19810826KH LIC 10A CT NEW HAVEN BLCDT 20040701AEC LIC 11A PA WILKES-BARRE DTVPLN DTVP0089 PLN	lost to all IX		342852	1681./	
10A CT NEW HAVEN BLCDT 20040701AEC LIC 11A PA WILKES-BARRE DTVPLN DTVP0089 PLN	Potential Interfering Stat	ions Incl	uded in above	Scenario	4
10A CT NEW HAVEN BLCDT 20040701AEC LIC 11A PA WILKES-BARRE DTVPLN DTVP0089 PLN	11N NY NEW YORK	BLCT	19810826КН	LIC	
11A PA WILKES-BARRE DTVPLN DTVP0089 PLN					
12A CT WATERBURY BMPCDT 20040608ABI CP	11A PA WILKES-BARRE		DTVP0089	PLN	
	12A CT WATERBURY	BMPCDT	20040608ABI	CP	

12A NY ALBANY 11A NH DURHAM BPRM 20000413AAC LIC

*Percent Service lost without proposal: -0.3 to DTVPLN DTVP0084

*Percent Service lost with proposal: 1.1 to DTVPLN DTVP0084

Result key: 21 Scenario 5 Affected station 4

Before Analysis

Results for: 11A MA SPRINGFIELD DTVPLN DTVP0084 PLN

HAAT 268.0 m, ATV ERP 3.2 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2913509	17561.9
not affected by terrain losses	2483771	14999.3
lost to NTSC IX	123131	848.9
lost to additional IX by ATV	160803	440.4
lost to ATV IX only	231617	768.8
lost to all IX	283934	1289.3

Potential Interfering Stations Included in above Scenario

11N	NY	NEW YORK	BLCT	19810826KH	LIC
10A	CT	NEW HAVEN	BLCDT	20040701AEC	LIC
11A	PΑ	WILKES-BARRE	BLCDT	20051123AJX	LIC
12A	CT	WATERBURY	DTVPLN	DTVP0097	PLN
12A	NY	ALBANY	BLCDT	20031022ABL	LIC

After Analysis

Results for: 11A MA SPRINGFIELD DTVPLN DTVP0084 PLN HAAT 268.0 m, ATV ERP 3.2 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2913509	17561.9
not affected by terrain losses	2483771	14999.3
lost to NTSC IX	123131	848.9
lost to additional IX by ATV	190284	752.8
lost to ATV IX only	293809	1321.3
lost to all IX	313415	1601.6

Potential Interfering Stations Included in above Scenario 5

11N	NY	NEW YORK	BLCT	19810826КН	LIC
10A	CT	NEW HAVEN	BLCDT	20040701AEC	LIC
11A	PΑ	WILKES-BARRE	BLCDT	20051123AJX	LIC
12A	CT	WATERBURY	DTVPLN	DTVP0097	PLN
12A	NY	ALBANY	BLCDT	20031022ABL	LIC
11A	NH	DURHAM	USERRECORI	001	APP

*Percent Service lost without proposal: -1.7 to DTVPLN DTVP0084
*Percent Service lost with proposal: -0.3 to DTVPLN DTVP0084

Result key: 22

Scenario 6 Affected station 4

Before Analysis

Results for: 11A MA SPRINGFIELD DTVPLN DTVP0084 PLN

HAAT 268.0 m, ATV ERP	3.2 ki	W			
		POPULATION	ARE	A (sq km)	
within Noise Limited Con				7561.9	
not affected by terrain	losses			4999.3	
lost to NTSC IX		123131		848.9	
lost to additional IX by	ATV	160934		156 5	
lost to ATV IX only		231748		784.8	
lost to all IX		284065		1305.3	
Potential Interfering Stat.	ions Ind	cluded in a	above	Scenario	6
11N NY NEW YORK	BLCT	1981082	26КН	LIC	
10A CT NEW HAVEN	BLCDT	2004070)1AEC	LIC	
	BLCDT		23AJX	LIC	
12A CT WATERBURY 12A NY ALBANY	DTVPLN	DTVP009 2000041	97	PLN	
12A NY ALBANY	BPRM	2000041	13AAC	LIC	
After Analysis					
Results for: 11A MA SPRINGF:	IELD	DTVI	PLN	DTVP0084	PLN
HAAT 268.0 m, ATV ERP	3.2 k	M			
		POPULATION			
within Noise Limited Con	tour	2913509	1	7561.9	
not affected by terrain	losses	2483771	1	4999.3	
lost to NTSC IX		123131		848.9	
lost to additional IX by	ATV	190415		768.8	
lost to ATV IX only		293940			
lost to all IX		313546		1617.7	
Potential Interfering Stat.	ions Ind	cluded in a	above	Scenario	6
11N NY NEW YORK	BLCT	1981082	26KH	T.T.C	
10A CT NEW HAVEN	BLCDT	2004070			
11A PA WILKES-BARRE	BLCDT	2005112			
12A CT WATERBURY	DTVPLN	DTVP009	97	PLN	
	BPRM				
11A NH DURHAM	USERRE	CORD01		APP	
*Percent Service lost with					DTVP0084
*Percent Service lost with	proposa	al:	-0.3	to DTVPLN	DTVP0084
Result key: 23 Scenario 7 Affected					
Scenario 7 Affected Before Analysis	station	n 4			
-					
Results for: 11A MA SPRINGF. HAAT 268.0 m, ATV ERP			PLN	DTVP0084	PLN
		POPULATION	ARE	A (sq km)	
within Noise Limited Con		2913509		7561.9	
not affected by terrain	losses			4999.3	
lost to NTSC IX		123131		848.9	
lost to additional IX by	ATV	191112		544.6	
lost to ATV IX only		265663		908.9	
lost to all IX		314243		1393.4	
				~ '	-

Potential Interfering Stations Included in above Scenario 7

11n ny new york 10a ct new haven 11a pa Wilkes-Barre	BLCDT	20040701AEC	LIC	
12A CT WATERBURY	BMPCDT	20040608ABI	CP	
12A NY ALBANY	BLCDT	20031022ABL	LIC	
After Analysis				
Results for: 11A MA SPRINGF	תוחד	וא זמוזיים	1 8 0 0 CV 7 TPC	DT M
HAAT 268.0 m, ATV ERP			D1 VP0004	PLIN
IIAI 200.0 m, AIV EKI		DPULATION ARE	A (sa km)	
within Noise Limited Con				
not affected by terrain	losses	2483771 1	4999.3	
lost to NTSC IX		123131	848.9	
lost to additional IX by	ATV	220338	856.9	
lost to ATV IX only		326607	1453.5	
not affected by terrain lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX		343469	1705.7	
Potential Interfering Stat	ions Incl	luded in above	Scenario	7
11N NY NEW YORK	BLCT	19810826КН		
10A CT NEW HAVEN	BLCDT	20040701AEC 20051123AJX 20040608ABI	LIC	
11A PA WILKES-BARRE	BLCDT	20051123AJX	LIC	
12A CT WATERBURY 12A NY ALBANY	BMPCDT	20040608ABI	CP	
12A NY ALBANY	BLCDT	20031022ABL	LIC	
11A NH DURHAM	USERRECO	DRD01	APP	
*Percent Service lost with				
*Percent Service lost with	proposal	1.1	to DTVPLN	DTVP0084
Pogult kov. 24				
Result key: 24 Scenario 8 Affected	gtation	1		
Before Analysis	SCACIOII	T		
before Anarysis				
Results for: 11A MA SPRINGF HAAT 268.0 m, ATV ERP			DTVP0084	PLN
·		PULATION ARE	A (sq km)	
within Noise Limited Con	tour	2913509 1	7561.9	
not affected by terrain			4999.3	
lost to NTSC IX		123131	848.9	
lost to additional IX by	ATV	191243	560.6	
lost to ATV IX only		265794	924.9	
lost to all IX		314374	1409.4	
Potential Interfering Stat	ions Incl	luded in above	Scenario	8
11N NY NEW YORK	BLCT	19810826КН		
10A CT NEW HAVEN	BLCDT			
	BLCDT	20051123AJX		
	BMPCDT	20040608ABI		
12A NY ALBANY	BPRM	20000413AAC	LIC	
After Analysis				
Dogulta for 11% W. CDDTTC	דהו ר	DIRTIDI		DI M
Results for: 11A MA SPRINGF		DTVPLN	DTVP0084	PLN
HAAT 268.0 m, ATV ERP		יים ע זארעד דווםר	7) (gg lem)	
	PC	OPULATION ARE	v (pd viii)	

	losses ATV ions Inc BLCT BLCDT BLCDT BMPCDT BMPCDT BPRM USERREC	2483771 123131 220469 326738 343600 luded in above 19810826KH 20040701AEC 20051123AJX 20040608ABI 20000413AAC	LIC LIC LIC CP LIC	
*Percent Service lost with	proposa	1: 1.1	to DTVPLN	DTVP0084
Result key: 25 Scenario 9 Affected Before Analysis				
Results for: 11A MA SPRINGF	'IELD	DTVPLN	DTVP0084	PLN
HAAT 268.0 m, ATV ERP				
			EA (sq km)	
within Noise Limited Con			17561.9	
not affected by terrain	losses	2483771	14999.3	
lost to NTSC IX			848.9	
lost to additional IX by	VTA	151247	356.4	
lost to ATV IX only			628.6	
lost to all IX		274378	1205.2	
Potential Interfering Stat	ions Inc	luded in above	Scenario	9
11N NY NEW YORK	BLCT	19810826КН	LIC	
10A CT NEW HAVEN	DTVPLN	DTVP0068	PLN	
11A PA WILKES-BARRE	DTVPLN	DTVP0089	PLN	
12A CT WATERBURY	DTVPLN	DTVP0097	PLN	
12A NY ALBANY	BLCDT			
After Analysis				
Results for: 11A MA SPRINGF HAAT 268.0 m, ATV ERP			DTVP0084	PLN
	P	OPULATION AR	EA (sq km)	
within Noise Limited Con	tour	2913509	17561.9	
not affected by terrain	losses	2483771	14999.3	
lost to NTSC IX		123131	848.9	
lost to additional IX by	ATV	181231	680.7	
lost to ATV IX only		282260	1209.2	
lost to all IX		304362	1529.6	
		.	-	
Potential Interfering Stat	ions Inc	luded in above	Scenario	9
11N NY NEW YORK	BLCT	19810826КН	LIC	
10A CT NEW HAVEN	DTVPLN		PLN	

11A PA WILKES-BARRE 12A CT WATERBURY 12A NY ALBANY 11A NH DURHAM *Percent Service lost with *Percent Service lost with	DTVPLN BLCDT USERRECO out propo	sal: -2.1	PLN L LIC APP L to DTVPLN	
Result key: 26 Scenario 10 Affected Before Analysis	station	4		
Results for: 11A MA SPRINGE HAAT 268.0 m, ATV ERP within Noise Limited Connot affected by terrain lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX	3.2 kW PO	PULATION AF 2913509 2483771 123131 151206	DTVP0084 REA (sq km) 17561.9 14999.3 848.9 380.4 652.7 1229.3	PLN
Potential Interfering Stat	ions Incl	uded in above	e Scenario	10
11N NY NEW YORK 10A CT NEW HAVEN 11A PA WILKES-BARRE 12A CT WATERBURY 12A NY ALBANY	\mathtt{DTVPLN}	19810826KH DTVP0068 DTVP0089 DTVP0097 20000413AAC	PLN PLN PLN	
After Analysis				
Results for: 11A MA SPRINGE HAAT 268.0 m, ATV ERP within Noise Limited Con not affected by terrain lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX	3.2 kW PO tour losses	PULATION AF 2913509 2483771 123131	DTVP0084 REA (sq km) 17561.9 14999.3 848.9 704.7 1233.3 1553.6	PLN
Potential Interfering Stat	ions Incl	uded in above	e Scenario	10
11N NY NEW YORK 10A CT NEW HAVEN 11A PA WILKES-BARRE 12A CT WATERBURY 12A NY ALBANY 11A NH DURHAM *Percent Service lost with *Percent Service lost with	BPRM USERRECO: out propo	DTVP0097 20000413AAC RD01 sal: -2.1	PLN PLN PLN C LIC APP L to DTVPLN	
Result key: 27 Scenario 11 Affected Before Analysis	station	4		

Results for: 11A MA SPRINGF HAAT 268.0 m, ATV ERP		DTVPLN	DTVP0084	PLN
		PULATION AR	EA (sq km)	
within Noise Limited Con	tour	2913509	17561.9	
not affected by terrain				
lost to NTSC IX			848.9 452.5	
lost to additional IX by	ATV	184997	452.5	
lost to ATV IX only		256732	760.8	
lost to all IX		308128	1301.3	
Potential Interfering Stat	ions Incl	uded in above	Scenario	11
11N NY NEW YORK	BLCT	19810826КН	LIC	
		DTVP0068		
11A PA WILKES-BARRE	DTVPLN	DTVP0089	PIN	
12A CT WATERBURY	BMPCDT	20040608ABI	CP	
12A CT WATERBURY 12A NY ALBANY	BLCDT	DTVP0089 20040608ABI 20031022ABL	LIC	
After Analysis				
ALCCI AIGLYSIS				
Results for: 11A MA SPRINGF		DTVPLN	DTVP0084	PLN
HAAT 268.0 m, ATV ERP			TIA (1)	
thin Noise Timited Con	PO	PULATION AR	EA (SQ KIII)	
within Noise Limited Con	loggog	2913509 2402771	1/501.9	
not affected by terrain lost to NTSC IX	ıosses	2483//I 100101	848.9	
lost to NISC IX lost to additional IX by	7. [7] 7	143131	704 0	
lost to additional ix by	AIV	319032	/84.8 1245 /	
lost to ATV IX only lost to all IX		338180		
iost to all ix		330100	1033.7	
Potential Interfering Stat	ions Incl	uded in above	Scenario	11
11N NY NEW YORK	BLCT	19810826КН	LIC	
10A CT NEW HAVEN	DTVPLN	DTVP0068		
11A PA WILKES-BARRE	DTVPLN	DTVP0089	PLN	
12A CT WATERBURY	BMPCDT	20040608ABI	CP	
12A NY ALBANY	BLCDT	20031022ABL RD01	LIC	
11A NH DURHAM	USERRECO	RD01	APP	
*Percent Service lost with	out propo	sal: -0.5	to DTVPLN	DTVP0084
*Percent Service lost with			to DTVPLN	
Result key: 28				
Scenario 12 Affected	station	4		
Before Analysis				
Results for: 11A MA SPRINGF HAAT 268.0 m, ATV ERP		DTVPLN	DTVP0084	PLN
			EA (sq km)	
within Noise Limited Con	tour	2913509	17561.9	
not affected by terrain	losses	2483771	14999.3	
lost to NTSC IX		123131	848.9	
lost to additional IX by	ATV	184956	476.5	
lost to ATV IX only		256691	784.8	
lost to all IX		308087	1325.4	

Potential Interfering Stat	ions Incl	uded in above	Scenario	12	
11N NY NEW YORK	BLCT	19810826КН	LIC		
	DTVPLN				
11A PA WILKES-BARRE	DTVPLN	DTVP0089	PLN		
12A CT WATERBURY	BMPCDT	DTVP0089 20040608ABI 20000413AAC	CP		
12A NY ALBANY	BPRM	20000413AAC	LIC		
After Analysis					
Results for: 11A MA SPRINGF HAAT 268.0 m, ATV ERP	3.2 kW			PLN	
within Noigo Timited Con		PULATION ARE			
within Noise Limited Con	loggog	2913509] 2402771 1	1000 2		
not affected by terrain lost to NTSC IX	losses .	123131	848.9		
lost to additional IX by	Δ.Τ./.	215008	808 8		
lost to ATV IX only		318991	1369.4		
lost to all IX		338139			
Potential Interfering Stat	ions Incl	uded in above	Scenario	12	
11n ny new york	BLCT	19810826КН	LIC		
10A CT NEW HAVEN	DTVPLN	DTVP0068 DTVP0089	PLN		
11A PA WILKES-BARRE	DTVPLN	DTVP0089	PLN		
12A CT WATERBURY	BMPCDT	20040608ABI			
	BPRM				
11A NH DURHAM		RD01			
*Percent Service lost with					
*Percent Service lost with	proposal	: 0.8	to DTVPLN	DTVP0084	
Result key: 29 Scenario 13 Affected					
	station	4			
Before Analysis					
Results for: 11A MA SPRINGF		DTVPLN	DTVP0084	PLN	
HAAT 268.0 m, ATV ERP			/ -		
1111 77 1 7 1 1 1 0		PULATION ARE			
within Noise Limited Con			.7561.9 .4999.3		
not affected by terrain lost to NTSC IX	TOSSES .	2483771 1 123131	848.9		
lost to MISC IX	ז ידי <i>ז</i>	152168	416.4		
lost to ATV IX only	AIV		736.8		
lost to all IX		275299	1265.3		
Detential Interfering Stat	iona Inal	udod in aborro	Caonario	13	
Potential Interfering Stat				13	
11N NY NEW YORK	BLCT	19810826KH	LIC		
10A CT NEW HAVEN	DTVPLN	DTVP0068	PLN		
11A PA WILKES-BARRE	BLCDT	20051123AJX			
12A CT WATERBURY	DTVPLN BLCDT	DTVP0097			
12A NY ALBANY	RTCD.I.	20031022ABL	TTC		
After Analysis					

Within Noise Limited Connot affected by terrain lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX	POP tour 2 losses 2	483771 123131	17561.9 14999.3 848.9 728.7 1289.3	
Potential Interfering State	ions Inclu	ded in above	Scenario	13
10A CT NEW HAVEN 11A PA WILKES-BARRE 12A CT WATERBURY 12A NY ALBANY 11A NH DURHAM	DTVPLN BLCDT DTVPLN BLCDT USERRECOR	D01	PLN LIC PLN LIC APP	DTT 1000 4
*Percent Service lost with *Percent Service lost with				
Result key: 30 Scenario 14 Affected Before Analysis		4		
Results for: 11A MA SPRINGF: HAAT 268.0 m, ATV ERP within Noise Limited Control affected by terrain 1 lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX	3.2 kW POP tour 2 losses 2 ATV	ULATION AR. 913509 483771 123131 152299	DTVP0084 EA (sq km) 17561.9 14999.3 848.9 432.4 752.8 1281.3	PLN
Potential Interfering State	ions Inclu	ded in above	Scenario	14
11N NY NEW YORK 10A CT NEW HAVEN 11A PA WILKES-BARRE 12A CT WATERBURY 12A NY ALBANY	BLCT DTVPLN BLCDT DTVPLN BPRM	19810826KH DTVP0068 20051123AJX DTVP0097 20000413AAC	PLN	
After Analysis				
Results for: 11A MA SPRINGF: HAAT 268.0 m, ATV ERP within Noise Limited Commot affected by terrain lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX	3.2 kW POP tour 2 losses 2 ATV	913509	DTVP0084 EA (sq km) 17561.9 14999.3 848.9 744.8 1305.3 1593.6	PLN

Potential Interfering Stations Included in above Scenario 14

```
11N NY NEW YORK BLCT 19810826KH LIC
10A CT NEW HAVEN DTVPLN DTVP0068 PLN
11A PA WILKES-BARRE BLCDT 20051123AJX LIC
12A CT WATERBURY DTVPLN DTVP0097 PLN
12A NY ALBANY BPRM 20000413AAC LIC
11A NH DURHAM USERRECORD01 APP
 *Percent Service lost without proposal: -2.1 to DTVPLN DTVP0084
*Percent Service lost with proposal: -0.7 to DTVPLN DTVP0084
Result key:
                    31
Scenario 15 Affected station 4
Before Analysis
   HAAT 268.0 m, ATV ERP 3.2 kW
Results for: 11A MA SPRINGFIELD
    within Noise Limited Contour 2913509 17561.9
    not affected by terrain losses 2483771
                                                                 14999.3
    lost to NTSC IX 123131
lost to additional IX by ATV 186331
lost to ATV IX only 260654
lost to all IX 309462
                                                                  848.9
                                                                     516.5
                                                                    872.9
                                                                   1365.4
 Potential Interfering Stations Included in above Scenario
                                                                                     15
                                 BLCT 19810826KH LIC
DTVPLN DTVP0068 PLN
BLCDT 20051123AJX LIC
BMPCDT 20040608ABI CP
BLCDT 20031022ABL LIC
11N NY NEW YORK
10A CT NEW HAVEN
11A PA WILKES-BARRE
12A CT WATERBURY
12A NY ALBANY
After Analysis
Results for: 11A MA SPRINGFIELD
                                                      DTVPLN DTVP0084
                                                                                      PLN
    HAAT 268.0 m, ATV ERP 3.2 kW
                                           POPULATION AREA (sq km)
   within Noise Limited Contour 2913509 17561.9 not affected by terrain losses 2483771 14999.3 lost to NTSC IX 123131 848.9 lost to additional IX by ATV 215625 832.8 lost to ATV IX only 321854 1425.5
                                              321854 1425.5
338756 1681.7
    lost to ATV IX only
    lost to all IX
 Potential Interfering Stations Included in above Scenario 15
11N NY NEW YORK
                                    BLCT
                                                  19810826KH LIC
10A CT NEW HAVEN
                                    DTVPLN DTVP0068 PLN
                   BARRE BLCDT 20051123AJX LIC
IRY BMPCDT 20040608ABI CP
BLCDT 20031022ABL LIC
USERRECORD01 APP
11A PA WILKES-BARRE
12A CT WATERBURY
12A NY ALBANY
11A NH DURHAM
 *Percent Service lost without proposal: -0.5 to DTVPLN DTVP0084
*Percent Service lost with proposal: 0.9 to DTVPLN DTVP0084
```

Result key: 32

Scenario 16 Affected station 4 Before Analysis

Results for: 11A MA SPRINGFIELD DTVPLN DTVP0084 PLN HAAT 268.0 m, ATV ERP 3.2 kW DODITATION ADEA (ac 1-m)

DODULTATION	AREA (sq km)
2913509	17561.9
2483771	14999.3
123131	848.9
186462	532.5
260785	888.9
309593	1381.4
	2913509 2483771 123131 186462 260785

Potential Interfering Stations Included in above Scenario 16

11N	NY	NEW YORK	BLCT	19810826KH	LIC
10A	CT	NEW HAVEN	DTVPLN	DTVP0068	PLN
11A	PΑ	WILKES-BARRE	BLCDT	20051123AJX	LIC
12A	CT	WATERBURY	BMPCDT	20040608ABI	CP
12A	NY	ALBANY	BPRM	20000413AAC	LIC

After Analysis

Results for: 11A MA SPRINGFIELD DTVPLN DTVP0084 PLN HAAT 268.0 m, ATV ERP 3.2 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2913509	17561.9
not affected by terrain losses	2483771	14999.3
lost to NTSC IX	123131	848.9
lost to additional IX by ATV	215756	848.9
lost to ATV IX only	321985	1441.5
lost to all IX	338887	1697.7

Potential Interfering Stations Included in above Scenario 16

11N NY NEW YORK BLCT 19810826KH LIC 11N NY NEW YORK
BLCT
19810826KH
LIC
10A CT NEW HAVEN
DTVPLN
DTVP0068
PLN
11A PA WILKES-BARRE
BLCDT
20051123AJX
LIC
12A CT WATERBURY
BMPCDT
20040608ABI
CP
12A NY ALBANY
BPRM
20000413AAC
LIC 11A NH DURHAM USERRECORD01 APP

*Percent Service lost without proposal: -0.5 to DTVPLN DTVP0084
*Percent Service lost with proposal: 0.9 to DTVPLN DTVP0084

Result key: 33
Scenario 17 Affected station 4

Before Analysis

Results for: 11A MA SPRINGFIELD DTVPLN DTVP0084 PLN HAAT 268.0 m, ATV ERP 3.2 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2913509	17561.9
not affected by terrain losses	2483771	14999.3
lost to NTSC IX	134302	989.0
lost to additional IX by ATV	158323	356.4
lost to ATV IX only	228114	664.7

292625 1345.4 lost to all IX Potential Interfering Stations Included in above Scenario 17
 BPCT
 20040212AAA
 APP

 BLCDT
 20040701AEC
 LIC

 DTVPLN
 DTVP0089
 PLN

 DTVPLN
 DTVP0097
 PLN

 BLCDT
 20031022ABL
 LIC
 11N NY NEW YORK
10A CT NEW HAVEN
11A PA WILKES-BARRE
12A CT WATERBURY
12A NY ALBANY 11N NY NEW YORK 12A NY ALBANY After Analysis DTVPLN DTVP0084 PLN Results for: 11A MA SPRINGFIELD HAAT 268.0 m, ATV ERP 3.2 kW POPULATION AREA (sq km) within Noise Limited Contour 2913509 17561.9 not affected by terrain losses 2483771 14999.3 989.0 lost to NTSC IX 134302 lost to additional IX by ATV 180319 648.7 291151 314621 lost to ATV IX only 1245.3 lost to all IX 1637.7 Potential Interfering Stations Included in above Scenario 17 11N NY NEW YORK BPCT 20040212AAA APP
10A CT NEW HAVEN BLCDT 20040701AEC LIC
11A PA WILKES-BARRE DTVPLN DTVP0089 PLN
12A CT WATERBURY DTVPLN DTVP0097 PLN
12A NY ALBANY 12A CT WATERBURY DTVPLN DTVP0097 PLN

12A NY ALBANY BLCDT 20031022ABL LIC

11A NH DURHAM USERRECORD01 APP

*Percent Service lost without proposal: -1.3 to DTVPLN DTVP0084

*Percent Service lost with proposal: -0.2 to DTVPLN DTVP0084 Result key: 34
Scenario 18 Affected station 4 Before Analysis HAAT 268.0 m, ATV ERP 3.2 kW Results for: 11A MA SPRINGFIELD PLNPOPULATION AREA (sq km) within Noise Limited Contour 2913509 17561.9 not affected by terrain losses 2483771 14999.3 lost to NTSC IX 134302 989.0 lost to additional IX by ATV 158282 380.4 lost to ATV IX only 688.7 228073 lost to all IX 292584 1369.4 Potential Interfering Stations Included in above Scenario 18

 11N NY NEW YORK
 BPCT
 20040212AAA
 APP

 10A CT NEW HAVEN
 BLCDT
 20040701AEC
 LIC

 11A PA WILKES-BARRE
 DTVPLN
 DTVP0089
 PLN

 12A CT WATERBURY
 DTVPLN
 DTVP0097
 PLN

 12A NY ALBANY
 BPRM
 20000413AAC
 LIC

After Analysis

Results for: 11A MA SPRINGF HAAT 268.0 m, ATV ERP			DTVP0084	PLN
within Noise Limited Con	PO tour	PULATION ARE 2913509 1	EA (sq km) .7561.9	
not affected by terrain	losses	2483771 1	4999.3	
lost to NTSC IX lost to additional IX by	7 אידי <i>ד</i>		989.0	
lost to Additional IX by	AIV	291110		
lost to all IX		314580		
Potential Interfering Stat	ions Incl	uded in above	Scenario	18
11n ny new york	BPCT	20040212AAA	APP	
10A CT NEW HAVEN	BLCDT	20040701AEC	LIC	
		DTVP0089		
		DTVP0097		
12A NY ALBANY 11A NH DURHAM		20000413AAC		
*Percent Service lost with	USERRECU Out propo	RD01	to DTVDI.N	מעזיים 184
*Percent Service lost with				
	F-CF CCC-			
5 1. 1				
Result key: 35 Scenario 19 Affected	atation	4		
Before Analysis	Station	4		
Belole Analysis				
Results for: 11A MA SPRINGF HAAT 268.0 m, ATV ERP			DTVP0084	PLN
		PULATION ARE	EA (sq km)	
within Noise Limited Con	tour	2913509 1	7561.9	
not affected by terrain	losses	2483771 1	4999.3	
lost to NTSC IX		134302	989.0	
lost to additional IX by	ATV	188677	460.5	
lost to ATV IX only lost to all IX		261741 322979	796.8	
lost to all ix		322979	1449.5	
Potential Interfering Stat	ions Incl	uded in above	Scenario	19
11n ny new york	BPCT	20040212AAA	APP	
10A CT NEW HAVEN	BLCDT	20040701AEC	LIC	
11A PA WILKES-BARRE	DTVPLN	DTVP0089	PLN	
12A CT WATERBURY	BMPCDT	20040608ABI	CP	
12A NY ALBANY	BLCDT	20031022ABL	LIC	
After Analysis				
D 1 5 . 112 W. CDDTWGT			DET ID 0 0 0 4	DIM
Results for: 11A MA SPRINGF HAAT 268.0 m, ATV ERP		DTVPLN	DTVP0084	PLN
HAAT 268.0 m, ATV ERP	3.2 kW	PULATION ARE	CA (sq km)	
within Noise Limited Con			7561.9	
not affected by terrain			4999.3	
lost to NTSC IX		134302	989.0	
lost to additional IX by	ATV	210673	752.8	
lost to ATV IX only		323785	1373.4	
lost to all IX		344975	1741.8	

Potential Interfering Stat	ions Inclu	ded in a	.bove	Scenario	19
12A CT WATERBURY	BPCT BLCDT DTVPLN BMPCDT BLCDT	2004070 DTVP008 2004060	1AEC 9 8ABI	LIC PLN CP	
11A NH DURHAM	USERRECOR:				
*Percent Service lost with					
*Percent Service lost with	proposal:		1.2	to DTVPLN	DTVP0084
Result key: 36					
Scenario 20 Affected	station	4			
Before Analysis					
Results for: 11A MA SPRINGF. HAAT 268.0 m, ATV ERP		DTVP	LN	DTVP0084	PLN
		ULATION	ARE	A (sq km)	
within Noise Limited Con					
not affected by terrain	losses 2	483771	1	4999.3	
lost to NTSC IX		134302		989.0	
lost to additional IX by	ATV	188636		484.5	
lost to ATV IX only		261700		820.8	
lost to all IX		322938			
Potential Interfering Stat	ions Inclu	ded in a	.bove	Scenario	20
11n ny new york	BPCT	2004021	2AAA	APP	
10A CT NEW HAVEN	BLCDT	2004070	1AEC	LIC	
11A PA WILKES-BARRE	DTVPIN	800qvrd	9	PIN	
12A CT WATERBURY	BMPCDT	2004060	8ABI	CP	
12A NY ALBANY	BPRM	2000041	3AAC	LIC	
After Analysis					
Results for: 11A MA SPRINGE	ת.דת	סוזיית	T.N.	מתעדת מדעדם	PLN
HAAT 268.0 m, ATV ERP		DIVI	ши	DIVIOUUI	тши
111111 200.0 m, 111 v Ent		ULATION	ARE	A (sq km)	
within Noise Limited Con	tour 2	913509		7561.9	
not affected by terrain		483771		4999.3	
lost to NTSC IX		134302		989.0	
lost to additional IX by	ATV	210632		776.8	
lost to ATV IX only		323744		1397.4	
lost to all IX		344934		1765.8	
Potential Interfering Stat.	iona Inalia	dod in a	horro	Saonario	20
Potential interfering Stat.	IOIIS IIICIU	ueu III a	.DOVE	SCEIIAL IO	20
11N NY NEW YORK	BPCT	2004021	2222	APP	
10A CT NEW HAVEN	BLCDT	2004070		LIC	
11A PA WILKES-BARRE	DTVPLN	DTVP008		PLN	
12A CT WATERBURY	BMPCDT	2004060		CP	
12A NY ALBANY	BPRM	2000041		LIC	
11A NH DURHAM	USERRECOR			APP	
*Percent Service lost with			0.1	to DTVPLN	DTVP0084
*Percent Service lost with			1.2	to DTVPLN	DTVP0084

Result key: 37
Scenario 21 Affected station 4

Before Analysis

Results for: 11A MA SPRINGFIELD DTVPLN DTVP0084 PLN

HAAT 268.0 m, ATV ERP 3.2 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2913509	17561.9
not affected by terrain losses	2483771	14999.3
lost to NTSC IX	134302	989.0
lost to additional IX by ATV	158576	388.4
lost to ATV IX only	231617	768.8
lost to all IX	292878	1377.4

Potential Interfering Stations Included in above Scenario 21

11N NY	NEW YORK	BPCT	20040212AAA	APP
10A CT	NEW HAVEN	BLCDT	20040701AEC	LIC
11A PA	WILKES-BARRE	BLCDT	20051123AJX	LIC
12A CT	WATERBURY	DTVPLN	DTVP0097	PLN
12A NY	ALBANY	BLCDT	20031022ABL	LIC

After Analysis

DTVPLN DTVP0084 PLN Results for: 11A MA SPRINGFIELD HAAT 268.0 m, ATV ERP 3.2 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2913509	17561.9
not affected by terrain losses	2483771	14999.3
lost to NTSC IX	134302	989.0
lost to additional IX by ATV	180559	676.7
lost to ATV IX only	293809	1321.3
lost to all IX	314861	1665.7

Potential Interfering Stations Included in above Scenario 21

11N	NY	NEW YORK	BPCT	20040212AAA	APP
10A	CT	NEW HAVEN	BLCDT	20040701AEC	LIC
11A	PΑ	WILKES-BARRE	BLCDT	20051123AJX	LIC
12A	CT	WATERBURY	DTVPLN	DTVP0097	PLN
12A	NY	ALBANY	BLCDT	20031022ABL	LIC
11A	NH	DURHAM	USERRECORI	001	APP

| APP | APP | The state of the

Result key: 38
Scenario 22 Affected station 4

Before Analysis

DTVPLN DTVP0084 PLN Results for: 11A MA SPRINGFIELD

HAAT 268.0 m, ATV ERP 3.2 kW

· · · · · · · · · · · · · · · · · ·		
	POPULATION	AREA (sq km)
within Noise Limited Contour	2913509	17561.9
not affected by terrain losses	2483771	14999.3
lost to NTSC IX	134302	989.0

lost to Additional IX by ATV					
Potential Interfering Stations Included in above Scenario 22	lost to additional IX by	ATV	158707	404.4	
Potential Interfering Stations Included in above Scenario 22	lost to ATV IX only		231748	784.8	
111 NY NEW YORK	lost to all IX		293009	1393.4	
10A CT NEW HAVEN	Potential Interfering Stat	ions Incl	uded in above	Scenario	22
11A PA WILKES-BARRE	11n ny new york	BPCT	20040212AAA	APP	
12A CT WATERBURY DTVPIN DTVP0097 PIN	10A CT NEW HAVEN	BLCDT	20040701AEC	LIC	
### ALBANY BPRM 20000413AAC LIC ### Albany ### Alban					
Results for: 11A MA SPRINGFIELD DTVPLN DTVP0084 PLN HAAT 268.0 m, ATV ERP 3.2 kW Within Noise Limited Contour 2913509 17561.9 not affected by terrain losses 2483771 14999.3 lost to NTSC IX 134302 989.0 lost to additional IX by ATV 180690 692.7 lost to atl IX 180690 1337.4 lost to all IX 180690 1681.7 Potential Interfering Stations Included in above Scenario 22 11N NY NEW YORK BPCT 20040212AAA APP 10A CT NEW HAVEN BLCDT 20040701AEC LIC 11A PA WILKES-BARRE BLCDT 20040701AEC LIC 11A PA WILKES-BARRE BLCDT 20000413AAC LIC 11A NA DURHAM BPRM 20000413AAC LIC 11A NA DURHAM USERRECORD1 APP *Percent Service lost without proposal: -1.2 to DTVPLN DTVP0084 *Percent Service lost with proposal: -0.2 to DTVPLN DTVP0084 *Percent Service lost with proposal: -1.2 to DTVPLN DTVP0084 *Percent Service lost with	12A CT WATERBURY	DTVPLN	DTVP0097	PLN	
Results for: 11A MA SPRINGFIELD	12A NY ALBANY	BPRM	20000413AAC	! LIC	
### HAAT 268.0 m, ATV ERP 3.2 kW ### POPULATION AREA (sq km) within Noise Limited Contour 2913509 17561.9 not affected by terrain losses 2483771 14999.3 lost to NTSC IX 134302 989.0 lost to additional IX by ATV 180690 692.7 lost to ATV IX only 293940 1337.4 lost to all IX 314992 1681.7 ### Population Interfering Stations Included in above Scenario 22 ### Population DTVPIN DTVPIN LIC LIC LIC LIC LIA PA WILKES-BARRE BLCDT 20040701AEC LIC LIC LIA PA WILKES-BARRE BLCDT 20051123AJX LIC LIC LIA NY ALBANY BPRM 20000413AAC LIC LIA NY ALBANY BPRM 20000413AAC LIC LIA NH DURHAM USERRECORDOI APP **Percent Service lost without proposal: -1.2 to DTVPLN DTVP0084 #Percent Service lost with proposal: -0.2 to DTVPLN DTVP0084 #Percent Service lost with proposal: -0.2 to DTVPLN DTVP0084 #Percent Service lost wit	After Analysis				
POPULATION AREA (sq km) within Noise Limited Contour 2913509 17561.9 14999.3 10st to NTSC IX 134302 989.0 10st to ATV IX only 293940 1337.4 10st to ATV IX only 293940 1681.7 1681				DTVP0084	PLN
not affected by terrain losses				EA (sq km)	
lost to NTSC IX	within Noise Limited Con	tour	2913509	17561.9	
lost to NTSC IX	not affected by terrain	10000	2/02771	14999.3	
Potential Interfering Stations Included in above Scenario 22 11N NY NEW YORK BPCT 20040701AEC LIC 11A PA WILKES-BARRE BLCDT 20051123AJX LIC 11A PA WILKES-BARRE BLCDT 20051123AJX LIC 11A PA WILKES-BARRE BLCDT 2000413AAC LIC 11A NH DURHAM USERRECORDO1 APP *Percent Service lost without proposal: -1.2 to DTVPLN DTVP0084 *Percent Service lost with proposal: -0.2 to DTVPLN DTVP0084 *Percent Service lost with proposal: -0.2 to DTVPLN DTVP0084 Result key: 39 Scenario 23 Affected station 4 Before Analysis Results for: 11A MA SPRINGFIELD DTVPLN DTVP0084 PLN HAAT 268.0 m, ATV ERP 3.2 kW POPULATION AREA (sq km) within Noise Limited Contour 2913509 17561.9 not affected by terrain losses 2483771 14999.3 lost to NTSC IX 134302 989.0 lost to ATV IX only 265663 908.9 lost to ATV IX only 265663 408.9 lost to ATV IX only 265663 908.9 lost to ATV IX only 265663 908.9 lost to ATV IX only 265663 1485.5 Potential Interfering Stations Included in above Scenario 23 11N NY NEW YORK BPCT 20040701AEC LIC 11A PA WILKES-BARRE BLCDT 20040701AEC LIC	lost to NTSC IX		134302	989.0	
Potential Interfering Stations Included in above Scenario 22 11N NY NEW YORK BPCT 20040701AEC LIC 11A PA WILKES-BARRE BLCDT 20051123AJX LIC 11A PA WILKES-BARRE BLCDT 20051123AJX LIC 11A PA WILKES-BARRE BLCDT 2000413AAC LIC 11A NH DURHAM USERRECORDO1 APP *Percent Service lost without proposal: -1.2 to DTVPLN DTVP0084 *Percent Service lost with proposal: -0.2 to DTVPLN DTVP0084 *Percent Service lost with proposal: -0.2 to DTVPLN DTVP0084 Result key: 39 Scenario 23 Affected station 4 Before Analysis Results for: 11A MA SPRINGFIELD DTVPLN DTVP0084 PLN HAAT 268.0 m, ATV ERP 3.2 kW POPULATION AREA (sq km) within Noise Limited Contour 2913509 17561.9 not affected by terrain losses 2483771 14999.3 lost to NTSC IX 134302 989.0 lost to ATV IX only 265663 908.9 lost to ATV IX only 265663 408.9 lost to ATV IX only 265663 908.9 lost to ATV IX only 265663 908.9 lost to ATV IX only 265663 1485.5 Potential Interfering Stations Included in above Scenario 23 11N NY NEW YORK BPCT 20040701AEC LIC 11A PA WILKES-BARRE BLCDT 20040701AEC LIC	lost to additional IX by	ATV	180690	692.7	
Potential Interfering Stations Included in above Scenario 22 11N NY NEW YORK BPCT 20040701AEC LIC 11A PA WILKES-BARRE BLCDT 20051123AJX LIC 11A PA WILKES-BARRE BLCDT 20051123AJX LIC 11A PA WILKES-BARRE BLCDT 2000413AAC LIC 11A NH DURHAM USERRECORDO1 APP *Percent Service lost without proposal: -1.2 to DTVPLN DTVP0084 *Percent Service lost with proposal: -0.2 to DTVPLN DTVP0084 *Percent Service lost with proposal: -0.2 to DTVPLN DTVP0084 Result key: 39 Scenario 23 Affected station 4 Before Analysis Results for: 11A MA SPRINGFIELD DTVPLN DTVP0084 PLN HAAT 268.0 m, ATV ERP 3.2 kW POPULATION AREA (sq km) within Noise Limited Contour 2913509 17561.9 not affected by terrain losses 2483771 14999.3 lost to NTSC IX 134302 989.0 lost to ATV IX only 265663 908.9 lost to ATV IX only 265663 408.9 lost to ATV IX only 265663 908.9 lost to ATV IX only 265663 908.9 lost to ATV IX only 265663 1485.5 Potential Interfering Stations Included in above Scenario 23 11N NY NEW YORK BPCT 20040701AEC LIC 11A PA WILKES-BARRE BLCDT 20040701AEC LIC	lost to ATV IX only		293940	1337.4	
11N NY NEW YORK	lost to all IX		314992	1681.7	
10A CT NEW HAVEN	Potential Interfering Stat	ions Incl	uded in above	Scenario	22
10A CT NEW HAVEN	11N NY NEW YORK	BPCT	20040212AAA	APP	
11A PA WILKES-BARRE	10A CT NEW HAVEN				
12A CT WATERBURY DTVPLN DTVP0097 PLN 12A NY ALBANY BPRM 20000413AAC LIC 11A NH DURHAM USERRECORD01 APP *Percent Service lost without proposal: -1.2 to DTVPLN DTVP0084 *Percent Service lost with proposal: -0.2 to DTVPLN DTVP0084 Result key: 39 Scenario 23 Affected station 4 Before Analysis Results for: 11A MA SPRINGFIELD DTVPLN DTVP0084 PLN HAAT 268.0 m, ATV ERP 3.2 kW POPULATION AREA (sq km) within Noise Limited Contour 2913509 17561.9 not affected by terrain losses 2483771 14999.3 lost to NTSC IX 134302 989.0 lost to additional IX by ATV 189094 496.5 lost to additional IX by ATV 189094 496.5 lost to ATV IX only 265663 908.9 lost to all IX 323396 1485.5 Potential Interfering Stations Included in above Scenario 23 11N NY NEW YORK BPCT 20040212AAA APP 10A CT NEW HAVEN BLCDT 20040701AEC LIC 11A PA WILKES-BARRE BLCDT 20051123AJX LIC 12A CT WATERBURY BMPCDT 20040608ABI CP	11A PA WILKES-BARRE	BLCDT	20051123AJX	LIC	
11A NH DURHAM USERRECORDO1 *Percent Service lost without proposal: -1.2 to DTVPLN DTVP0084 *Percent Service lost with proposal: -0.2 to DTVPLN DTVP0084 *Percent Service lost with proposal: -0.2 to DTVPLN DTVP0084 Result key: 39 Scenario 23 Affected station 4 Before Analysis Results for: 11A MA SPRINGFIELD DTVPLN DTVP0084 PLN HAAT 268.0 m, ATV ERP 3.2 kW POPULATION AREA (sq km) within Noise Limited Contour 2913509 17561.9 not affected by terrain losses 2483771 14999.3 lost to NTSC IX 134302 989.0 lost to additional IX by ATV 189094 496.5 lost to additional IX by ATV 189094 496.5 lost to ATV IX only 265663 908.9 lost to all IX 323396 1485.5 Potential Interfering Stations Included in above Scenario 23 11N NY NEW YORK BPCT 20040212AAA APP 10A CT NEW HAVEN BLCDT 20040701AEC LIC 11A PA WILKES-BARRE BLCDT 20051123AJX LIC 12A CT WATERBURY BMPCDT 20040608ABI CP	12a CT WATERRIIRY	DTVPLN	DTVP0097	PLN	
*Percent Service lost without proposal: -1.2 to DTVPLN Percent Service lost with proposal: -0.2 to DTVPLN DTVP0084 *Percent Service lost with proposal: -0.2 to DTVPLN DTVP0084 Result key: 39 Scenario 23 Affected station 4 Before Analysis Results for: 11A MA SPRINGFIELD DTVPLN DTVP0084 PLN HAAT 268.0 m, ATV ERP 3.2 kW POPULATION AREA (sq km) within Noise Limited Contour 2913509 17561.9 not affected by terrain losses 2483771 14999.3 lost to NTSC IX 134302 989.0 lost to additional IX by ATV 189094 496.5 lost to ATV IX only 265663 908.9 lost to all IX 323396 1485.5 Potential Interfering Stations Included in above Scenario 23 11N NY NEW YORK BPCT 20040701AEC LIC 11A PA WILKES-BARRE BLCDT 20051123AJX LIC 12A CT WATERBURY BMPCDT 20040608ABI CP	IZA NY ALBANY				
*Percent Service lost with proposal: -0.2 to DTVPLN DTVP0084 Result key: 39 Scenario 23 Affected station 4 Before Analysis Results for: 11A MA SPRINGFIELD DTVPLN DTVP0084 PLN HAAT 268.0 m, ATV ERP 3.2 kW POPULATION AREA (sq km) within Noise Limited Contour 2913509 17561.9 not affected by terrain losses 2483771 14999.3 lost to NTSC IX 134302 989.0 lost to additional IX by ATV 189094 496.5 lost to ATV IX only 265663 908.9 lost to all IX 323396 1485.5 Potential Interfering Stations Included in above Scenario 23 11N NY NEW YORK BPCT 20040212AAA APP 10A CT NEW HAVEN BLCDT 20040701AEC LIC 11A PA WILKES-BARRE BLCDT 20051123AJX LIC 12A CT WATERBURY BMPCDT 20040608ABI CP		USERRECO	DRD01	APP	
Result key: 39 Scenario 23 Affected station 4 Before Analysis Results for: 11A MA SPRINGFIELD DTVPLN DTVP0084 PLN HAAT 268.0 m, ATV ERP 3.2 kW POPULATION AREA (sq km) within Noise Limited Contour 2913509 17561.9 not affected by terrain losses 2483771 14999.3 lost to NTSC IX 134302 989.0 lost to additional IX by ATV 189094 496.5 lost to ATV IX only 265663 908.9 lost to all IX 323396 1485.5 Potential Interfering Stations Included in above Scenario 23 11N NY NEW YORK BPCT 20040212AAA APP 10A CT NEW HAVEN BLCDT 20040701AEC LIC 11A PA WILKES-BARRE BLCDT 20051123AJX LIC 12A CT WATERBURY BMPCDT 20040608ABI CP					
### Results for: 11A MA SPRINGFIELD	*Percent Service lost with	proposal	-0.2	to DTVPLN	DTVP0084
### Results for: 11A MA SPRINGFIELD	Result key: 39				
Results for: 11A MA SPRINGFIELD DTVPLN DTVP0084 PLN HAAT 268.0 m, ATV ERP 3.2 kW POPULATION AREA (sq km) within Noise Limited Contour 2913509 17561.9 not affected by terrain losses 2483771 14999.3 lost to NTSC IX 134302 989.0 lost to additional IX by ATV 189094 496.5 lost to ATV IX only 265663 908.9 lost to all IX 323396 1485.5 Potential Interfering Stations Included in above Scenario 23 11N NY NEW YORK BPCT 20040212AAA APP 10A CT NEW HAVEN BLCDT 20040701AEC LIC 11A PA WILKES-BARRE BLCDT 20051123AJX LIC 12A CT WATERBURY BMPCDT 20040608ABI CP	Scenario 23 Affected	station	4		
HAAT 268.0 m, ATV ERP 3.2 kW POPULATION AREA (sq km) within Noise Limited Contour 2913509 17561.9 not affected by terrain losses 2483771 14999.3 lost to NTSC IX 134302 989.0 lost to additional IX by ATV 189094 496.5 lost to ATV IX only 265663 908.9 lost to all IX 323396 1485.5 Potential Interfering Stations Included in above Scenario 23 23 23 24 24 25 25 25 25 25 25	Before Analysis				
## POPULATION AREA (sq km) within Noise Limited Contour 2913509 17561.9 not affected by terrain losses 2483771 14999.3 lost to NTSC IX 134302 989.0 lost to additional IX by ATV 189094 496.5 lost to ATV IX only 265663 908.9 lost to all IX 323396 1485.5 Potential Interfering Stations Included in above Scenario 23 11N NY NEW YORK BPCT 20040212AAA APP 10A CT NEW HAVEN BLCDT 20040701AEC LIC 11A PA WILKES-BARRE BLCDT 20051123AJX LIC 12A CT WATERBURY BMPCDT 20040608ABI CP			DTVPLN	DTVP0084	PLN
within Noise Limited Contour 2913509 17561.9 not affected by terrain losses 2483771 14999.3 lost to NTSC IX 134302 989.0 lost to additional IX by ATV 189094 496.5 lost to ATV IX only 265663 908.9 lost to all IX 323396 1485.5 Potential Interfering Stations Included in above Scenario 23 11N NY NEW YORK BPCT 20040212AAA APP 10A CT NEW HAVEN BLCDT 20040701AEC LIC 11A PA WILKES-BARRE BLCDT 20051123AJX LIC 12A CT WATERBURY BMPCDT 20040608ABI CP	111111 200.0 m, 111 v Ent)PIII,ATTON AR	EA (sa km)	
not affected by terrain losses 2483771 14999.3 lost to NTSC IX 134302 989.0 lost to additional IX by ATV 189094 496.5 lost to ATV IX only 265663 908.9 lost to all IX 323396 1485.5 Potential Interfering Stations Included in above Scenario 23 11N NY NEW YORK BPCT 20040212AAA APP 10A CT NEW HAVEN BLCDT 20040701AEC LIC 11A PA WILKES-BARRE BLCDT 20051123AJX LIC 12A CT WATERBURY BMPCDT 20040608ABI CP	within Noise Limited Con				
lost to NTSC IX lost to additional IX by ATV l89094 lost to ATV IX only lost to ATV IX only lost to all IX lost to aTV IX only lost lost lost lost lost lost lost lost					
lost to additional IX by ATV 189094 496.5 lost to ATV IX only 265663 908.9 lost to all IX 323396 1485.5 Potential Interfering Stations Included in above Scenario 23 11N NY NEW YORK BPCT 20040212AAA APP 10A CT NEW HAVEN BLCDT 20040701AEC LIC 11A PA WILKES-BARRE BLCDT 20051123AJX LIC 12A CT WATERBURY BMPCDT 20040608ABI CP					
lost to ATV IX only 265663 908.9 lost to all IX 323396 1485.5 Potential Interfering Stations Included in above Scenario 23 11N NY NEW YORK BPCT 20040212AAA APP 10A CT NEW HAVEN BLCDT 20040701AEC LIC 11A PA WILKES-BARRE BLCDT 20051123AJX LIC 12A CT WATERBURY BMPCDT 20040608ABI CP		ATV		496.5	
Potential Interfering Stations Included in above Scenario 23 11N NY NEW YORK BPCT 20040212AAA APP 10A CT NEW HAVEN BLCDT 20040701AEC LIC 11A PA WILKES-BARRE BLCDT 20051123AJX LIC 12A CT WATERBURY BMPCDT 20040608ABI CP			265663	908.9	
11N NY NEW YORK BPCT 20040212AAA APP 10A CT NEW HAVEN BLCDT 20040701AEC LIC 11A PA WILKES-BARRE BLCDT 20051123AJX LIC 12A CT WATERBURY BMPCDT 20040608ABI CP	lost to all IX		323396	1485.5	
10A CT NEW HAVEN BLCDT 20040701AEC LIC 11A PA WILKES-BARRE BLCDT 20051123AJX LIC 12A CT WATERBURY BMPCDT 20040608ABI CP	Potential Interfering Stat	ions Incl	uded in above	Scenario	23
10A CT NEW HAVEN BLCDT 20040701AEC LIC 11A PA WILKES-BARRE BLCDT 20051123AJX LIC 12A CT WATERBURY BMPCDT 20040608ABI CP	11N NY NEW YORK	RD℃T	20040212777	ADD	
11A PA WILKES-BARRE BLCDT 20051123AJX LIC 12A CT WATERBURY BMPCDT 20040608ABI CP					
12A CT WATERBURY BMPCDT 20040608ABI CP					

After Analysis

Results for: 11A MA SPRINGF			LN	DTVP0084	PLN
HAAT 268.0 m, ATV ERP		OPULATION	7 10 17	'A (aa lem)	
within Noise Limited Con				7561.9	
			1	4999.3	
not affected by terrain lost to NTSC IX	TOSSES	134302		989.0	
lost to Additional IX by	7 777 7	211077		784.8	
lost to additional IX by	MI A	326607		1453.5	
lost to all IX		345379		1773.8	
1050 00 411 12		313377		1773.0	
Potential Interfering Stat	ions Ind	cluded in a	bove	Scenario	23
11N NY NEW YORK	BPCT	2004021	2AAA	APP	
		2004070			
11A PA WILKES-BARRE	BLCDT	2005112	23AJX	LIC	
12A CT WATERBURY	BMPCDT	2004060	18ABT	CP	
12A NY ALBANY	BLCDT	2003102			
11a NH DURHAM		CORD01			
*Percent Service lost with					DTVP0084
*Percent Service lost with					
Result key: 40					
Scenario 24 Affected	station	1 4			
Before Analysis					
Results for: 11A MA SPRINGF			LN	DTVP0084	PLN
HAAT 268.0 m, ATV ERP				- , , , ,	
		POPULATION			
within Noise Limited Con				7561.9	
not affected by terrain	losses	2483771	1	4999.3	
lost to NTSC IX	3 557 7	134302		989.0	
lost to additional IX by	A.I.A	189225		512.5	
lost to NTSC IX lost to additional IX by lost to ATV IX only		265/94		924.9	
lost to all IX		323527		1501.5	
Potential Interfering Stat	ions Ind	cluded in a	bove	Scenario	24
11M MY MIN WORK	DD.CIII	2004021	0 7 7 7	7 DD	
11N NY NEW YORK	BPCT	2004021 2004070		APP	
10A CT NEW HAVEN 11A PA WILKES-BARRE	BLCDT			LIC	
12A CT WATERBURY	BLCDT	2005112 2004060			
12A CI WATERBURY 12A NY ALBANY	BMPCDT BPRM	2004060			
IZA NI ALBANI	BPRM	2000041	SAAC	ПТС	
After Analysis					
Results for: 11A MA SPRINGE	ת זייו די	DTVP	T INT	DTVP0084	PLN
HAAT 268.0 m, ATV ERP	ים אנד 3.2 kv		, TTIN	DIVP0064	PLIN
MAAI 200.0 M, AIV ERP		OPULATION	λDr	A (sq km)	
within Noise Limited Con		2913509		7561.9	
not affected by terrain		2483771		4999.3	
lost to NTSC IX	100000	134302		989.0	
lost to MISC IX	Δ Τ'\ 7	211208		800.8	
lost to additional IX by	WT A	326738		1469.5	
TOPE TO MIN IN OHITA		340130		1 1 09.3	

lost to all IX 345510 1789.8

Potential Interfering Stations Included in above Scenario 24 20040212AAA APP 11N NY NEW YORK BPCT 10A CT NEW HAVEN BLCDT 20040701AEC LIC BLCDT 20051123AJX LIC BMPCDT 20040608ABI CP 20040701AEC LIC 11A PA WILKES-BARRE 20051123AJX LIC 12A CT WATERBURY 20000413AAC LIC 12A NY ALBANY BPRM 11A NH DURHAM USERRECORD01 *Percent Service lost without proposal: 0.2 to DTVPLN DTVP0084
*Percent Service lost with proposal: 1.2 to DTVPLN DTVP0084 Result key: 41 Scenario 25 Affected station 4 Before Analysis DTVPLN DTVP0084 PLN Results for: 11A MA SPRINGFIELD HAAT 268.0 m, ATV ERP 3.2 kW POPULATION AREA (sq km) within Noise Limited Contour 2913509 17561.9 not affected by terrain losses 2483771 14999.3 lost to NTSC IX 134302 lost to additional IX by ATV 149931 lost to ATV IX only 219223 lost to all TX 989.0 332.3 628.6 lost to all IX 284233 1321.3 Potential Interfering Stations Included in above Scenario 25 11N NY NEW YORK BPCT 20040212AAA APP BPCT 20040212AAA APP
DTVPLN DTVP0068 PLN 11N NY NEW YORK 10A CT NEW HAVEN 11A PA WILKES-BARRE DTVPLN DTVP0089 PLN DTVPLN DTVP0097 PLN 12A CT WATERBURY BLCDT 20031022ABL LIC 12A NY ALBANY After Analysis Results for: 11A MA SPRINGFIELD DTVPLN DTVP0084 PLN HAAT 268.0 m, ATV ERP 3.2 kW POPULATION AREA (sq km) within Noise Limited Contour 2913509 17561.9 not affected by terrain losses 2483771 14999.3 lost to additional IX by ATV 171927 lost to ATV IX only 989.0 624.6 lost to ATV IX only 282260 1209.2 lost to all IX 306229 1613.6 Potential Interfering Stations Included in above Scenario 25 11N NY NEW YORK BPCT 20040212AAA APP 10A CT NEW HAVEN DTVPLN DTVP0068 PLN DTVPLN DTVP0089 PLN DTVPLN DTVP0097 PLN 11A PA WILKES-BARRE 12A CT WATERBURY 12A NY ALBANY BLCDT 20031022ABL LIC 11A NH DURHAM USERRECORD01 APP *Percent Service lost without proposal: -1.7 to DTVPLN DTVP0084 *Percent Service lost with proposal: -0.6 to DTVPLN DTVP0084

Result key: 42
Scenario 26 Affected station 4

Before Analysis

Results for: 11A MA SPRINGFIELD DTVPLN DTVP0084 PLN

HAAT 268.0 m, ATV ERP 3.2 kW

	POPULATION	AREA (sa km)
within Noise Limited Contour	2913509	17561.9
not affected by terrain losses	2483771	14999.3
lost to NTSC IX	134302	989.0
lost to additional IX by ATV	149890	356.4
lost to ATV IX only	219182	652.7
lost to all IX	284192	1345.4

Potential Interfering Stations Included in above Scenario 26

11N NY NEW YORK	BPCT	20040212AAA	APP
10A CT NEW HAVEN	DTVPLN	DTVP0068	PLN
11A PA WILKES-BARRE	DTVPLN	DTVP0089	PLN
12A CT WATERBURY	DTVPLN	DTVP0097	PLN
12A NY ALBANY	BPRM	20000413AAC	LIC

After Analysis

Results for: 11A MA SPRINGFIELD DTVPLN DTVP0084 PLN HAAT 268.0 m, ATV ERP 3.2 kW

•		
	POPULATION	AREA (sq km)
within Noise Limited Contour	2913509	17561.9
not affected by terrain losses	2483771	14999.3
lost to NTSC IX	134302	989.0
lost to additional IX by ATV	171886	648.7
lost to ATV IX only	282219	1233.3
lost to all IX	306188	1637.7

Potential Interfering Stations Included in above Scenario 26

11N	NY	NEW YORK	BPCT	20040212AAA	APP
10A	CT	NEW HAVEN	DTVPLN	DTVP0068	PLN
11A	PΑ	WILKES-BARRE	DTVPLN	DTVP0089	PLN
12A	CT	WATERBURY	DTVPLN	DTVP0097	PLN
12A	NY	ALBANY	BPRM	20000413AAC	LIC
11A	NH	DURHAM	USERRECORD01		APP

*Percent Service lost without proposal: -1.7 to DTVPLN DTVP0084 *Percent Service lost with proposal: -0.6 to DTVPLN DTVP0084

43 Result key:

Scenario 27 Affected station 4

Before Analysis

DTVPLN DTVP0084 PLN Results for: 11A MA SPRINGFIELD

HAAT 268.0 m, ATV ERP 3.2 kW

POPULATION AREA (sq km) within Noise Limited Contour 2913509 17561.9

not affected by terrain	losses	2483771	14999.3	
lost to NTSC IX	100000	134302		
lost to additional IX by	Δ T'\ <i>7</i>	184213	989.0 440.4	
	AIV	256732	760.8	
lost to ATV IX only lost to all IX		318515		
TOST TO ALL IX		318515	1429.5	
Potential Interfering Stat	ions Inc	luded in above	Scenario	27
11n ny new york	BPCT	20040212AAA	7.00	
10A CT NEW HAVEN	DTVPLN	DTVP0068	PLN	
11A PA WILKES-BARRE	DTVPLN	D.I.Abcoorb	PLN	
12A CT WATERBURY 12A NY ALBANY	BWLCD.I.	DTVP0089 20040608ABI 20031022ABI	. CP	
12A NY ALBANY	BLCD.I.	20031022ABL	ı LIC	
After Analysis				
Results for: 11A MA SPRINGF	ת זיים ד	וו זמעיים	Λ Ω Ω Ω Ω	PLN
HAAT 268.0 m, ATV ERP			DIVP0064	PLIN
			REA (sq km)	
within Noise Limited Con not affected by terrain lost to NTSC IX	±011%	OPULATION AN	17561.9	
not offerted by terrain	loggog	2313303	14999.3	
lock to NIEGO TV	Tosses	124202		
TOST TO NISC IX	3 557 7	134302	989.0	
lost to additional IX by	A'I'V	206209	732.7	
lost to ATV IX only		319032	1345.4	
lost to all IX		340511	1721.8	
Potential Interfering Stat	ions Inc	luded in above	e Scenario	27
11N NY NEW YORK	BPCT	20040212AAA	A DD	
		DTVP0068		
11A PA WILKES-BARRE	וא.זסעידת	DTVP0089	DT.M	
		20040608ABI		
	BLCDT			
11A NH DURHAM				
*Percent Service lost with		ORD01		DTVP0084
*Percent Service lost with				
"Percent Service Tost With	proposa.	1. 0.3	CO DIVPLN	DIVPOOG
Result key: 44				
Scenario 28 Affected Before Analysis	station	4		
Results for: 11A MA SPRINGF			DTVP0084	PLN
HAAT 268.0 m, ATV ERP	3.2 kW			
			REA (sq km)	
within Noise Limited Con	tour	2913509	17561.9	
not affected by terrain			14999.3	
lost to NTSC IX		134302	989.0	
lost to additional IX by	ATV	184172	464.5	
lost to ATV IX only		256691	784.8	
lost to all IX		318474		
Potential Interfering Stat	ions Inc	luded in above	e Scenario	28
11N NY NEW YORK	BPCT	20040212AAA	APP	
10A CT NEW HAVEN	DTVPLN	DTVP0068	PLN	
11A PA WILKES-BARRE	DTVPLN	DTVP0089	PLN	

12A CT WATERBURY BMPCDT 20040608ABI CP 12A NY ALBANY BPRM 20000413AAC LIC

After Analysis

Results for: 11A MA SPRINGFIELD DTVPLN DTVP0084 PLN

HAAT 268.0 m, ATV ERP 3.2 kW

POPULATION AREA (sq km) within Noise Limited Contour 2913509 17561.9 not affected by terrain losses 2483771 14999.3 lost to NTSC IX 134302 989.0 lost to additional IX by ATV 206168 756.8 lost to ATV IX only 318991 1369.4 lost to all IX 340470 1745.8

Potential Interfering Stations Included in above Scenario 28

11N NY NEW YORK BPCT 20040212AAA APP
10A CT NEW HAVEN DTVPLN DTVP0068 PLN
11A PA WILKES-BARRE DTVPLN DTVP0089 PLN
12A CT WATERBURY BMPCDT 20040608ABI CP
12A NY ALBANY BPRM 20000413AAC LIC
11A NH DURHAM USERRECORD01 APP

11A NH DURHAM USERRECORD01 APP

*Percent Service lost without proposal: -0.1 to DTVPLN DTVP0084

*Percent Service lost with proposal: 0.9 to DTVPLN DTVP0084

Result key: 45

Scenario 29 Affected station 4

Before Analysis

Results for: 11A MA SPRINGFIELD DTVPLN DTVP0084 PLN

HAAT 268.0 m, ATV ERP 3.2 kW

| POPULATION | AREA (sq km) | within Noise Limited Contour | 2913509 | 17561.9 | not affected by terrain losses | 2483771 | 14999.3 | lost to NTSC IX | 134302 | 989.0 | lost to additional IX by ATV | 150190 | 368.4 | lost to ATV IX only | 222732 | 736.8 | lost to all IX | 284492 | 1357.4

Potential Interfering Stations Included in above Scenario 29

 11N NY NEW YORK
 BPCT
 20040212AAA
 APP

 10A CT NEW HAVEN
 DTVPLN
 DTVP0068
 PLN

 11A PA WILKES-BARRE
 BLCDT
 20051123AJX
 LIC

 12A CT WATERBURY
 DTVPLN
 DTVP0097
 PLN

 12A NY ALBANY
 BLCDT
 20031022ABL
 LIC

After Analysis

Results for: 11A MA SPRINGFIELD DTVPLN DTVP0084 PLN

HAAT 268.0 m, ATV ERP 3.2 kW

within Noise Limited Contour 2913509 17561.9 not affected by terrain losses 2483771 14999.3 lost to NTSC IX 134302 989.0

lost to additional IX by lost to ATV IX only lost to all IX Potential Interfering Stati		284924 306475	1289.3 1645.7	29
Potential interfering Stati	lons incit	ided III above	Scellar 10	29
10A CT NEW HAVEN 11A PA WILKES-BARRE 12A CT WATERBURY	DTVPLN BLCDT DTVPLN BLCDT USERRECOR	20040212AAA DTVP0068 20051123AJX DTVP0097 20031022ABL 2D01 sal: -1.6 -0.6	PLN LIC PLN LIC APP to DTVPLN	DTVP0084 DTVP0084
Result key: 46 Scenario 30 Affected Before Analysis	station	4		
Results for: 11A MA SPRINGFI	ELD	DTVPLN	DTVP0084	PLN
HAAT 268.0 m, ATV ERP				
	POF	ULATION ARE		
within Noise Limited Cont			L7561.9	
not affected by terrain 1				
lost to NTSC IX		134302		
lost to additional IX by	ATV		384.4	
lost to ATV IX only			752.8	
lost to all IX		284623	13/3.4	
Potential Interfering Stati	ons Inclu	ided in above	Scenario	30
11N NY NEW YORK	BPCT	20040212AAA	APP	
	-	DTVP0068		
11A PA WILKES-BARRE				
12A CT WATERBURY	DTVPLN	DTVP0097		
12A NY ALBANY	BPRM	20000413AAC	LIC	
After Analysis				
Results for: 11A MA SPRINGFI HAAT 268.0 m, ATV ERP		DTVPLN	DTVP0084	PLN
MAI 200.0 M, AIV ERP		ULATION ARE	EA (sq km)	
within Noise Limited Cont			17561.9	
not affected by terrain 1			L4999.3	
lost to NTSC IX		134302	989.0	
lost to additional IX by	ATV	172304	672.7	
lost to ATV IX only		285055	1305.3	
lost to all IX		306606	1661.7	
Potential Interfering Stati	ons Inclu	ided in above	Scenario	30
11N NY NEW YORK	BPCT	20040212AAA	∆ DD	
		DTVP0068	PLN	
	BLCDT	20051123AJX		
	DTVPLN	DTVP0097		
12A NY ALBANY	BPRM	20000413AAC	LIC	

11A NH DURHAM *Percent Service lost with *Percent Service lost with	USERRECO out propo proposal	sal:	-1.6 -0.6	APP to DTVPLN to DTVPLN	DTVP0084 DTVP0084
Result key: 47 Scenario 31 Affected Before Analysis	station	4			
Results for: 11A MA SPRINGF: HAAT 268.0 m, ATV ERP within Noise Limited Con	3.2 kW PO	DTVI PULATION 2913509		DTVP0084 A (sq km) 7561.9	PLN
not affected by terrain lost to NTSC IX lost to additional IX by	losses	134302		4999.3 989.0 476.5	
lost to ATV IX only lost to all IX		260654 318932		872.9	
Potential Interfering Stat	ions Incl	uded in a	above	Scenario	31
11a PA WILKES-BARRE 12a CT WATERBURY	BPCT DTVPLN BLCDT BMPCDT BLCDT	2005112 2004060	58 23AJX 08ABI	PLN LIC CP	
After Analysis					
Results for: 11A MA SPRINGF HAAT 268.0 m, ATV ERP		DTVI	PLN	DTVP0084	PLN
within Noise Limited Con		PULATION 2913509		A (sq km) 7561.9	
not affected by terrain		2483771		4999.3	
lost to NTSC IX		134302		989.0	
lost to additional IX by	ATV	206613		764.8	
lost to ATV IX only lost to all IX		321854 340915		1425.5 1753.8	
Potential Interfering Stat	ions Incl	uded in a	above	Scenario	31
11N NY NEW YORK	BPCT	2004021			
10A CT NEW HAVEN	DTVPLN			PLN	
11A PA WILKES-BARRE 12A CT WATERBURY	BLCDT	2005112 2004060			
12A NY ALBANY	BLCDT				
11A NH DURHAM	USERRECO			APP	
*Percent Service lost with	out propo	sal:	0.0	to DTVPLN	DTVP0084
*Percent Service lost with	proposal	:	1.0	to DTVPLN	DTVP0084
Result key: 48 Scenario 32 Affected Before Analysis	station	4			
Results for: 11A MA SPRINGF HAAT 268.0 m, ATV ERP		DTVI	PLN	DTVP0084	PLN

```
POPULATION AREA (sq km)
  within Noise Limited Contour 2913509
                                           17561.9
  not affected by terrain losses
                                2483771
                                            14999.3
                              134302
  lost to NTSC IX
                                              989.0
  lost to additional IX by ATV
                                184761
                                              492.5
  lost to ATV IX only
                                260785
                                             888.9
  lost to all IX
                                 319063
                                            1481.5
Potential Interfering Stations Included in above Scenario
                                                        32
11N NY NEW YORK
                         BPCT
                                  20040212AAA APP
10A CT NEW HAVEN
                         DTVPLN
                                  DTVP0068
                                              PLN
11A PA WILKES-BARRE
                        BLCDT
                                  20051123AJX LIC
12A CT WATERBURY
                        BMPCDT
                                  20040608ABI CP
12A NY ALBANY
                         BPRM
                                  20000413AAC LIC
After Analysis
Results for: 11A MA SPRINGFIELD
                                    DTVPLN DTVP0084
                                                        PLN
  HAAT 268.0 m, ATV ERP 3.2 kW
                             POPULATION AREA (sq km)
  within Noise Limited Contour 2913509
                                           17561.9
  not affected by terrain losses 2483771
                                            14999.3
  lost to NTSC IX
                                 134302
                                              989.0
                               206744
                                             780.8
  lost to additional IX by ATV
  lost to ATV IX only
                                321985
                                             1441.5
                                 341046
  lost to all IX
                                             1769.8
Potential Interfering Stations Included in above Scenario
                                                        32
11N NY NEW YORK
                                  20040212AAA APP
                         BPCT
10A CT NEW HAVEN
                                  DTVP0068
                                              PLN
                        DTVPLN
11A PA WILKES-BARRE
                        BLCDT
                                  20051123AJX LIC
12A CT WATERBURY
                        BMPCDT
                                  20040608ABI CP
12A NY ALBANY
                        BPRM
                                  20000413AAC LIC
11A NH DURHAM
                         USERRECORD01
                                             APP
*Percent Service lost without proposal: 0.0 to DTVPLN
*Percent Service lost with proposal:
                                                          DTVP0084
 *Percent Service lost with proposal:
                                         1.0 to DTVPLN
                                                          DTVP0084
Analysis of Interference to Affected Station 5
Analysis of current record
Channel
          Call
                                        Application Ref. No.
                        City/State
  11
          WWLP
                                          BLCDT -20060619AAS
                    SPRINGFIELD MA
    Stations Potentially Affecting This Station
Chan
    Call
              City/State
                                  Dist(km) Status Application Ref. No.
     WTNH
10
             NEW HAVEN CT
                                     76.4 LIC BLCDT -20040701AEC
 10 WTNH-DT NEW HAVEN CT
                                     76.4 PLN DTVPLN
                                                          -DTVP0068
                                    137.2 APP BPRM
122.8 LIC BLCT
 10 WWDP
            NORWELL MA
                                                          -20060426AAW
 10 WTEN ALBANY NY
                                                           -1285
```

10 11 11 11 11 11 12 12 12	WJAR WENHTV WPIX WPIX WBRE-DT WBRE-TV WTXX-DT WTXX WNYT WNYT-DR WPRI-TV	PROVIDENCE RI DURHAM NH NEW YORK NY NEW YORK NY WILKES-BARRE PA WILKES-BARRE PA WATERBURY CT WATERBURY CT ALBANY NY ALBANY NY PROVIDENCE RI	119.6 172.2 183.0 187.6 281.2 281.8 68.2 43.7 123.0 123.3	LIC PLN APP LIC PLN LIC PLN CP MOD LIC LIC LIC	BLCT DTVPLN BPCT BLCT DTVPLN BLCDT DTVPLN BMPCDT BLCDT BPRM BLCT	-2395 -NPLN0728 -20040212AAA -19810826KH -DTVP0089 -20051123AJX -DTVP0097 -20040608ABI -20031022ABL -20000413AAC -1750
11	WENH-D11	DURHAM NH	172.2	APP	USERRECOR	D-01
Total scenarios = 32						
Result key: 49 Scenario 1 Affected station 5 Before Analysis						

Results for: 11A MA SPRINGFIELD BLCDT 20060619AAS LIC HAAT 247.0 m, ATV ERP 10.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3426452	21778.9
not affected by terrain losses	2797190	17880.2
lost to NTSC IX	148239	976.7
lost to additional IX by ATV	225988	428.3
lost to ATV IX only	301918	836.6
lost to all IX	374227	1405.0

Potential Interfering Stations Included in above Scenario 1

11N N	NY	NEW YORK	BLCT	19810826КН	LIC
10A (CT	NEW HAVEN	BLCDT	20040701AEC	LIC
11A E	PΑ	WILKES-BARRE	DTVPLN	DTVP0089	PLN
12A (CT	WATERBURY	DTVPLN	DTVP0097	PLN
12A N	NY	ALBANY	BLCDT	20031022ABL	LIC

After Analysis

Results for: 11A MA SPRINGFIELD BLCDT 20060619AAS LIC HAAT 247.0 m, ATV ERP 10.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3426452	21778.9
not affected by terrain losses	2797190	17880.2
lost to NTSC IX	148239	976.7
lost to additional IX by ATV	245249	704.5
lost to ATV IX only	351646	1296.9
lost to all IX	393488	1681.1

Potential Interfering Stations Included in above Scenario 1

11N NY NEW YORK	BLCT	19810826КН	LIC
10A CT NEW HAVEN	BLCDT	20040701AEC	LIC
11A PA WILKES-BARRE	DTVPLN	DTVP0089	PLN
12A CT WATERBURY	DTVPLN	DTVP0097	PLN
12A NY ALBANY	BLCDT	20031022ABL	LIC

11A NH DURHAM

*Percent Service lost without proposal: -12.0 to BLCDT 20060619AAS
*Percent Service lost with proposal: -11.1 to BLCDT 20060619AAS

Result key: 50
Scenario 2 Affected station 5

Before Analysis

Results for: 11A MA SPRINGFIELD BLCDT 20060619AAS LIC

HAAT 247.0 m, ATV ERP 10.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3426452	21778.9
not affected by terrain losses	2797190	17880.2
lost to NTSC IX	148239	976.7
lost to additional IX by ATV	226005	432.3
lost to ATV IX only	301935	844.6
lost to all IX	374244	1409.0

Potential Interfering Stations Included in above Scenario 2

11N	NY	NEW YORK	BLCT	19810826KH	LIC
10A	CT	NEW HAVEN	BLCDT	20040701AEC	LIC
11A	PΑ	WILKES-BARRE	DTVPLN	DTVP0089	PLN
12A	CT	WATERBURY	DTVPLN	DTVP0097	PLN
12A	NY	ALBANY	BPRM	20000413AAC	LIC

After Analysis

Results for: 11A MA SPRINGFIELD BLCDT 20060619AAS LIC

HAAT 247.0 m, ATV ERP 10.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3426452	21778.9
not affected by terrain losses	2797190	17880.2
lost to NTSC IX	148239	976.7
lost to additional IX by ATV	245266	708.5
lost to ATV IX only	351663	1304.9
lost to all IX	393505	1685.2

Potential Interfering Stations Included in above Scenario

11N	NY	NEW YORK	BLCT	19810826КН	LIC
10A	CT	NEW HAVEN	BLCDT	20040701AEC	LIC
11A	PΑ	WILKES-BARRE	DTVPLN	DTVP0089	PLN
12A	CT	WATERBURY	DTVPLN	DTVP0097	PLN
12A	NY	ALBANY	BPRM	20000413AAC	LIC
11A	NH	DURHAM	USERRECORI	001	APP

*Percent Service lost without proposal: -12.0 to BLCDT 20060619AAS *Percent Service lost with proposal: -11.1 to BLCDT 20060619AAS

Result key: 51

Scenario 3 Affected station 5

Before Analysis

Results for: 11A MA SPRINGFIELD BLCDT 20060619AAS LIC

HAAT 247.0 m, ATV ERP 10.0 kW

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POPULATION AREA (sq km)
  within Noise Limited Contour 3426452 not affected by terrain losses 2797190
                                             21778.9
                                               17880.2
  lost to NTSC IX 148239
lost to additional IX by ATV 243101
                                              976.7
                                                504.3
  lost to ATV IX only
                                  320770
                                                920.6
   lost to all IX
                                   391340
                                               1481.0
Potential Interfering Stations Included in above Scenario
                         BLCT
11N NY NEW YORK
                                    19810826KH LIC
                         BLCDT
10A CT NEW HAVEN
                                    20040701AEC LIC
                         DTVPLN DTVP0089 PLN BMPCDT 20040608ABI CP
11A PA WILKES-BARRE
12A CT WATERBURY
12A NY ALBANY
                          BLCDT
                                    20031022ABL LIC
After Analysis
                                      BLCDT 20060619AAS LIC
Results for: 11A MA SPRINGFIELD
  HAAT 247.0 m, ATV ERP 10.0 kW
                            POPULATION AREA (sq km)
  within Noise Limited Contour 3426452
                                             21778.9
  not affected by terrain losses 2797190
                                              17880.2
  lost to NTSC IX 148239
lost to additional IX by ATV 262362
lost to ATV IX only 370614
                                                976.7
                                                780.5
                                               1384.9
                                   410601
   lost to all IX
                                               1757.2
Potential Interfering Stations Included in above Scenario 3
11N NY NEW YORK
                          BLCT
                                    19810826КН
                                                 LIC
10A CT NEW HAVEN
                         BLCDT 20040701AEC LIC
11A PA WILKES-BARRE
                         DTVPLN DTVP0089 PLN
12A CT WATERBURY
                         BMPCDT 20040608ABI CP
12A NY ALBANY
                         BLCDT
                                   20031022ABL LIC
                          USERRECORD01
11A NH DURHAM
*Percent Service lost without proposal: -11.2 to BLCDT
*Percent Service lost with proposal: -10.3 to BLCDT
                                                              20060619AAS
                                                              20060619AAS
Result key:
Scenario
               4 Affected station 5
Before Analysis
                                   BLCDT 20060619AAS LIC
Results for: 11A MA SPRINGFIELD
  HAAT 247.0 m, ATV ERP 10.0 kW
                               POPULATION AREA (sq km)
  within Noise Limited Contour 3426452
                                             21778.9
  not affected by terrain losses 2797190
                                               17880.2
   lost to NTSC IX
                                                976.7
                                   148239
                                 243118
   lost to additional IX by ATV
                                                 508.3
   lost to ATV IX only
                                  320787
                                                928.6
   lost to all IX
                                   391357
                                                1485.0
Potential Interfering Stations Included in above Scenario 4
11N NY NEW YORK
                       BLCT
                                    19810826KH LIC
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10A CT NEW HAVEN 11A PA WILKES-BARRE 12A CT WATERBURY 12A NY ALBANY	BLCDT DTVPLN BMPCDT BPRM	20040701AEC DTVP0089 20040608ABI 20000413AAC	PLN CP	
After Analysis				
Results for: 11A MA SPRINGF HAAT 247.0 m, ATV ERP		BLCDT	20060619AAS	LIC
within Noise Limited Con		PULATION ARE 3426452 2	A (sq km) 1778.9	
not affected by terrain			7880.2	
lost to NTSC IX		148239	976.7	
lost to additional IX by	ATV		784.5	
lost to ATV IX only		370631		
lost to all IX		410618	1761.2	
Potential Interfering Stat	ions Incl	uded in above	Scenario	4
11n ny new york	BLCT	19810826КН	LIC	
10A CT NEW HAVEN	BLCDT	20040701AEC		
11A PA WILKES-BARRE	DTVPLN	DTVP0089		
12A CT WATERBURY	BMPCDT BPRM	20040608ABI		
12A NY ALBANY 11A NH DURHAM		20000413AAC RD01	-	
*Percent Service lost with				20060619AAS
*Percent Service lost with				
Result key: 53 Scenario 5 Affected Before Analysis	station	5		
Results for: 11A MA SPRINGF HAAT 247.0 m, ATV ERP		BLCDT	20060619AAS	LIC
,		PULATION ARE		
within Noise Limited Con	tour		1778.9	
not affected by terrain			7880.2	
lost to NTSC IX			976.7 456.3	
lost to additional IX by lost to ATV IX only	AIV	306932		
lost to all IX			1433.0	
Potential Interfering Stat	ions Incl	uded in above	Scenario	5
11N NY NEW YORK	BLCT	19810826КН	LIC	
10A CT NEW HAVEN	BLCDT	20040701AEC		
11A PA WILKES-BARRE	BLCDT	20051123AJX	-	
12A CT WATERBURY	DTVPLN			
12A NY ALBANY	BLCDT		LIC	
After Analysis				
Results for: 11A MA SPRINGF			20060610770	T T C
HAAT 247.0 m, ATV ERP		BLCDT	20060619AAS	ПС
HAAT 247.0 m, ATV ERP	10.0 kW		20060619AAS A (sq km)	LIC

```
not affected by terrain losses 2797190 17880.2 lost to NTSC IX 148239 976.7 lost to additional IX by ATV 247998 728.5
    lost to ATV IX only
                                                       354651
                                                                           1336.9
    lost to all IX
                                                       396237
                                                                           1705.2
 Potential Interfering Stations Included in above Scenario

      BLCT
      19810826KH
      LIC

      BLCDT
      20040701AEC
      LIC

      BLCDT
      20051123AJX
      LIC

      DTVPLN
      DTVP0097
      PLN

      BLCDT
      20031022ABL
      LIC

11N NY NEW YORK
10A CT NEW HAVEN
11A PA WILKES-BARRE
12A CT WATERBURY
12A NY ALBANY
 IZA NY ALBANY

BECDI 20031022ABL LIC

USERRECORD01

*Percent Service lost without proposal: -11.8 to BLCDT 20060619AAS

*Percent Service lost with proposal: -11.0 to BLCDT 20060619AAS
11A NH DURHAM
Result key: 54
Scenario 6 Affected station 5
Before Analysis
Results for: 11A MA SPRINGFIELD
                                                             BLCDT 20060619AAS LIC
    HAAT 247.0 m, ATV ERP 10.0 kW
                                          POPULATION AREA (sq km)
    within Noise Limited Contour 3426452 21778.9
    not affected by terrain losses 2797190 17880.2 lost to NTSC IX 148239 976.7 lost to additional IX by ATV 228749 456.3 lost to ATV IX only 306932 900.6 lost to all IX 376988 1433.0
 Potential Interfering Stations Included in above Scenario 6
                                         BLCT
11N NY NEW YORK
                                                        19810826KH LIC
10A CT NEW HAVEN
                                      BLCDT 20040701AEC LIC
BLCDT 20051123AJX LIC
DTVPLN DTVP0097 PLN
BPRM 20000413AAC LIC
11A PA WILKES-BARRE
12A CT WATERBURY
12A NY ALBANY
After Analysis
Results for: 11A MA SPRINGFIELD BLCDT 20060619AAS LIC HAAT 247.0 m, ATV ERP 10.0 kW
                                                  POPULATION AREA (sq km)
    within Noise Limited Contour 3426452 21778.9
    not affected by terrain 105551
lost to NTSC IX 148239
lost to additional IX by ATV 247998
354651
296237
    not affected by terrain losses 2797190
                                                                         17880.2
                                                                           976.7
                                                                             728.5
                                                                           1336.9
     lost to all IX
                                                        396237
                                                                            1705.2
 Potential Interfering Stations Included in above Scenario

      11N NY NEW YORK
      BLCT
      19810826KH
      LIC

      10A CT NEW HAVEN
      BLCDT
      20040701AEC
      LIC

      11A PA WILKES-BARRE
      BLCDT
      20051123AJX
      LIC
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12A CT WATERBURY DTVPLN DTVP0097 PLN

12A NY ALBANY BPRM 20000413AAC LIC

11A NH DURHAM USERRECORD01 APP

*Percent Service lost without proposal: -11.8 to BLCDT 20060619AAS

*Percent Service lost with proposal: -11.0 to BLCDT 20060619AAS
Result key: 55
Scenario 7 Affected station 5
Before Analysis
                                                                 BLCDT 20060619AAS LIC
Results for: 11A MA SPRINGFIELD
     HAAT 247.0 m, ATV ERP 10.0 kW
     ### POPULATION AREA (sq km)
within Noise Limited Contour 3426452 21778.9
not affected by terrain losses 2797190 17880.2
lost to NTSC IX 148239 976.7
lost to additional IX by ATV 245862 532.4
lost to ATV IX only 325784 984.7
lost to all IX 394101 1509.0
     lost to all IX
                                                              394101
                                                                                     1509.0
 Potential Interfering Stations Included in above Scenario
11N NY NEW YORK BLCT 19810826KH LIC
10A CT NEW HAVEN BLCDT 20040701AEC LIC
11A PA WILKES-BARRE BLCDT 20051123AJX LIC
12A CT WATERBURY BMPCDT 20040608ABI CP
12A NY ALBANY BLCDT 20031022ABL LIC
After Analysis
Results for: 11A MA SPRINGFIELD BLCDT 20060619AAS LIC
     HAAT 247.0 m, ATV ERP 10.0 kW
                                                POPULATION AREA (sq km)
     within Noise Limited Contour 3426452 21778.9
     not affected by terrain losses 2797190
                                                                                   17880.2
     lost to NTSC IX 148239
lost to additional IX by ATV 265111
lost to ATV IX only 373619
lost to all TY
                                                                                     976.7
                                                                                       804.5
                                                                                     1425.0
                                                               413350
     lost to all IX
                                                                                     1781.2
  Potential Interfering Stations Included in above Scenario 7
11N NY NEW YORK BLCT 19810826KH LIC
10A CT NEW HAVEN BLCDT 20040701AEC LIC
11A PA WILKES-BARRE BLCDT 20051123AJX LIC
12A CT WATERBURY BMPCDT 20040608ABI CP
12A NY ALBANY BLCDT 20031022ABL LIC
11A NH DURHAM USERRECORD01 APP

*Percent Service lost without proposal: -11.1 to BLCDT 20060619AAS
*Percent Service lost with proposal: -10.2 to BLCDT 20060619AAS
Result key:
                          56
Scenario 8 Affected station 5
```

Before Analysis

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Results for: 11A MA SPRINGFIELD BLCDT 20060619AAS LIC HAAT 247.0 m, ATV ERP 10.0 kW
  within Noise Limited Contour 3426452 21778.9
  not affected by terrain losses 2797190
                                            17880.2
  lost to NTSC IX 148239 lost to additional IX by ATV 245862
                                            976.7
                                              532.4
  lost to ATV IX only
                                 325784
                                              984.7
  lost to all IX
                                 394101
                                             1509.0
Potential Interfering Stations Included in above Scenario
11N NY NEW YORK
                        BLCT
                                   19810826KH LIC
10A CT NEW HAVEN
                        BLCDT
                                   20040701AEC LIC
                       BLCDT 20051123AJX LIC
BMPCDT 20040608ABI CP
11A PA WILKES-BARRE
12A CT WATERBURY
12A NY ALBANY
                        BPRM
                                   20000413AAC LIC
After Analysis
Results for: 11A MA SPRINGFIELD
                                    BLCDT
                                             20060619AAS LIC
  HAAT 247.0 m, ATV ERP 10.0 kW
  not affected by terrain losses 2797190
                                            17880.2
  lost to NTSC IX
lost to additional IX by ATV 265111
373619
                               148239
                                             976.7
                                             1425.0
                                             1781.2
  lost to all IX
                                 413350
Potential Interfering Stations Included in above Scenario 8
11N NY NEW YORK
                        BLCT
                                 19810826KH LIC
10A CT NEW HAVEN
                        BLCDT
                                  20040701AEC LIC
11A PA WILKES-BARRE
                        BLCDT
BMPCDT
                                  20051123AJX LIC
                                  20040608ABI CP
12A CT WATERBURY
                                 20000413AAC LIC
12A NY ALBANY
                         BPRM
                                              APP
                         USERRECORD01
11A NH DURHAM
*Percent Service lost without proposal: -11.1 to BLCDT 20060619AAS 
*Percent Service lost with proposal: -10.2 to BLCDT 20060619AAS
Result key:
Scenario
              9 Affected station 5
Before Analysis
                                    BLCDT 20060619AAS LIC
Results for: 11A MA SPRINGFIELD
  HAAT 247.0 m, ATV ERP 10.0 kW
                           POPULATION AREA (sq km)
  within Noise Limited Contour 3426452
                                           21778.9
  not affected by terrain losses 2797190
                                             17880.2
  lost to NTSC IX
                                 148239
                                              976.7
  lost to additional IX by ATV 217936
                                              404.3
  lost to ATV IX only
                                292943
                                              784.5
  lost to all IX
                                  366175
```

Potential Interfering Stations Included in above Scenario 9

11N NY NEW YORK	BLCT	19810826КН	LIC	
10A CT NEW HAVEN	DTVPLN		PLN	
11A PA WILKES-BARRE				
12A CI WALERBURY	DIABTN	DTVP0097	PLN	
12A NY ALBANY	BLCDT	20031022ABL	LIC	
After Analysis				
Alter Analysis				
Results for: 11A MA SPRINGF	TELD	BI.CDT	20060619AAS	T.T.C
HAAT 247.0 m, ATV ERP		BECDI	200000131110	LIC
HAAL ZIV.O III, AIV EKI		ULATION ARE	A (sq km)	
within Noise Limited Con			1778.9	
not affected by terrain			7880.2	
lost to NTSC IV	105505 2	148230	976 7	
lost to NTSC IX lost to additional IX by	7777	227107	680 5	
lost to additional in by	AIV	342694	1249 0	
lost to ATV IX only lost to all IX		385436		
TOSC CO ATT IX		303430	1037.1	
Potential Interfering Stat	ions Inclu	ded in above	Scenario	9
11n ny new york	BLCT	19810826КН	LIC	
10A CT NEW HAVEN			PLN	
11A PA WILKES-BARRE	DIVPIN	DTVP0068 DTVP0089 DTVP0097	PLN	
12A CT WATERBURY	DIVPIN	מיזיים	PLN	
12A CI WATERBURI 12A NY ALBANY	BLCDT	20031022ABL		
11A NH DURHAM		D01	APP	
*Percent Service lost with				20060619779
*Percent Service lost with				
refeelt betvice fost with	proposar.	11.5	CO BECDI	20000017AAS
Result key: 58				
Scenario 10 Affected	station	5		
Before Analysis				
-				
Results for: 11A MA SPRINGF		BLCDT	20060619AAS	LIC
HAAT 247.0 m, ATV ERP				
			A (sq km)	
within Noise Limited Con			1778.9	
not affected by terrain	losses 2	797190 1	7880.2	
lost to NTSC IX		148239	976.7	
lost to additional IX by	ATV	217953	408.3	
lost to ATV IX only		292960	792.5	
lost to all IX		366192	1384.9	
Potential Interfering Stat	ions Inclu	ded in above	Scenario 1	0
11N NY NEW YORK	BLCT	19810826КН	LIC	
10A CT NEW HAVEN	DTVPLN	DTVP0068	PLN	
11A PA WILKES-BARRE	DTVPLN	DTVP0089	PLN	
12A CT WATERBURY	DTVPLN	DTVP0097	PLN	
12A NY ALBANY	BPRM	20000413AAC	LIC	
After Analysis				
			00000555	
Results for: 11A MA SPRINGF		BLCDT	20060619AAS	LIC

HAAT 247.0 m, ATV ERP 10.0 kW

```
POPULATION AREA (sq km)
   within Noise Limited Contour 3426452 21778.9 not affected by terrain losses 2797190 17880.2
                                                  976.7
   lost to NTSC IX 148239 lost to additional IX by ATV 237214
                                                     684.5
   lost to ATV IX only
                                      342711
                                                    1256.9
   lost to all IX
                                      385453
                                                    1661.1
 Potential Interfering Stations Included in above Scenario 10
                           BLCT
11N NY NEW YORK
                                       19810826KH LIC
10A CT NEW HAVEN
                            DTVPLN DTVP0068 PLN
                           DTVPLN DTVP0089 PLN
DTVPLN DTVP0097 PLN
11A PA WILKES-BARRE
12A CT WATERBURY
                            BPRM 20000413AAC LIC
12A NY ALBANY
LIA NH DURHAM USERRECORD01 APP

*Percent Service lost without proposal: -12.3 to BLCDT 20060619AAS

*Percent Service lost with proposal: -11.5 to BLCDT 20060619AAS
11A NH DURHAM
Result key: 59
Scenario 11 Affected station
Before Analysis
Results for: 11A MA SPRINGFIELD
                                         BLCDT 20060619AAS LIC
   HAAT 247.0 m, ATV ERP 10.0 kW
                             POPULATION AREA (sq km)
   within Noise Limited Contour 3426452 not affected by terrain losses 2797190
                                                  21778.9
                                                  17880.2
   lost to NTSC IX 148239 lost to additional IX by ATV 236653
                                                   976.7
                                                     464.3
   lost to ATV IX only
                                      312294
                                                     844.6
   lost to all IX
                                      384892
                                                    1441.0
 Potential Interfering Stations Included in above Scenario 11
11N NY NEW YORK
                            BLCT
                                       19810826KH LIC
                           DTVPLN DTVP0068 PLN
DTVPLN DTVP0089 PLN
BMPCDT 20040608ABI CP
BLCDT 20031022ABL LIC
10A CT NEW HAVEN
11A PA WILKES-BARRE
12A CT WATERBURY
12A NY ALBANY
After Analysis
                                  BLCDT 20060619AAS LIC
Results for: 11A MA SPRINGFIELD
   HAAT 247.0 m, ATV ERP 10.0 kW
                                  POPULATION AREA (sq km)
   within Noise Limited Contour 3426452 21778.9
   not affected by terrain losses 2797190
                                                    17880.2
   lost to NTSC IX
                                      148239
                                                     976.7
                                  255914
362161
                                                     740.5
   lost to additional IX by ATV
   lost to ATV IX only
                                                    1312.9
   lost to all IX
                                       404153
                                                    1717.2
 Potential Interfering Stations Included in above Scenario 11
```

BLCT

11N NY NEW YORK

54 EXHIBIT 4

19810826KH LIC

```
DTVPLN DTVP0068 PLN
DTVPLN DTVP0089 PLN
BMPCDT 20040608ABT CP
10A CT NEW HAVEN
11A PA WILKES-BARRE
                           BMPCDT 20040608ABI CP
BLCDT 20031022ABL LIC
12A CT WATERBURY
12A NY ALBANY
                                                    APP
11A NH DURHAM
                            USERRECORD01
*Percent Service lost without proposal: -11.5 to BLCDT 20060619AAS 
*Percent Service lost with proposal: -10.6 to BLCDT 20060619AAS
Result key: 60
Scenario 12 Affected station 5
Before Analysis
                                      BLCDT 20060619AAS LIC
Results for: 11A MA SPRINGFIELD
   HAAT 247.0 m, ATV ERP 10.0 kW
  within Noise Limited Contour 3426452 21778.9 not affected by terrain losses 2797190 17880.2
   lost to NTSC IX 148239
lost to additional IX by ATV 236670
                                                  976.7
                                                    468.3
   lost to ATV IX only
                                     312311
                                                    852.6
   lost to all IX
                                     384909
                                                   1445.0
 Potential Interfering Stations Included in above Scenario
11N NY NEW YORK
                                      19810826KH LIC
                           BLCT
                           DTVPLN DTVP0068 PLN
10A CT NEW HAVEN
                          DTVPLN DTVP0089 PLN
BMPCDT 20040608ABI CP
11A PA WILKES-BARRE
12A CT WATERBURY
                            BPRM 20000413AAC LIC
12A NY ALBANY
After Analysis
Results for: 11A MA SPRINGFIELD
                                         BLCDT 20060619AAS LIC
   HAAT 247.0 m, ATV ERP 10.0 kW
                             POPULATION AREA (sq km)
   within Noise Limited Contour 3426452
                                                 21778.9
   not affected by terrain losses 2797190
                                                 17880.2
   lost to NTSC IX 148239
lost to additional IX by ATV 255931
lost to ATV IX only 362178
                                                   976.7
                                                    744.5
   lost to ATV IX only
                                                   1320.9
   lost to all IX
                                     404170
                                                   1721.2
 Potential Interfering Stations Included in above Scenario
11N NY NEW YORK
                            BLCT
                                      19810826KH LIC
10A CT NEW HAVEN
                                     DTVP0068 PLN
                           DTVPLN
11A PA WILKES-BARRE
                           DTVPLN DTVP0089
                                                    PLN
                           BMPCDT 20040608ABI CP
12A CT WATERBURY
                                      20000413AAC LIC
12A NY ALBANY
                           BPRM
                                                    APP
11A NH DURHAM
                            USERRECORD01
*Percent Service lost without proposal: -11.5 to BLCDT 20060619AAS 
*Percent Service lost with proposal: -10.6 to BLCDT 20060619AAS
               61
Result key:
```

Scenario 13 Affected station 5

Before Analysis

Results for: 11A MA SPRINGFIELD BLCDT 20060619AAS LIC HAAT 247.0 m, ATV ERP 10.0 kW POPULATION AREA (sq km) within Noise Limited Contour 3426452 21778.9 not affected by terrain losses 2797190 17880.2 lost to NTSC IX 148239 lost to additional IX by ATV 220697 lost to ATV IX only 976.7 432.3 lost to ATV IX only 297980 852.6 lost to all IX 368936 1409.0 Potential Interfering Stations Included in above Scenario 13 11N NY NEW YORK BLCT 19810826KH LIC 10A CT NEW HAVEN DTVPLN DTVP0068 PLN
BLCDT 20051123AJX LIC
DTVPLN DTVP0097 PLN 11A PA WILKES-BARRE 12A CT WATERBURY 12A NY ALBANY BLCDT 20031022ABL LIC After Analysis Results for: 11A MA SPRINGFIELD BLCDT 20060619AAS LIC HAAT 247.0 m, ATV ERP 10.0 kW POPULATION AREA (sq km) within Noise Limited Contour 3426452 21778.9 not affected by terrain losses 2797190 17880.2 lost to NTSC IX
lost to additional IX by ATV
239946
345699 148239 976.7 704.5 lost to ATV IX only 1288.9 lost to all IX 388185 1681.1 Potential Interfering Stations Included in above Scenario 13 11N NY NEW YORK BLCT 19810826KH LIC 10A CT NEW HAVEN DTVPLN DTVP0068 PLN11A PA WILKES-BARRE BLCDT 20051123AJX LIC DTVPLN DTVP0097 PLN BLCDT 20031022ABL LIC 12A CT WATERBURY 12A NY ALBANY USERRECORD01 11A NH DURHAM APP *Percent Service lost without proposal: -12.2 to BLCDT 20060619AAS *Percent Service lost with proposal: -11.3 to BLCDT 20060619AAS Result key: 62 Scenario 14 Affected station 5 Before Analysis Results for: 11A MA SPRINGFIELD BLCDT 20060619AAS LIC HAAT 247.0 m, ATV ERP 10.0 kW POPULATION AREA (sq km) within Noise Limited Contour 3426452 21778.9 not affected by terrain losses 2797190 lost to NTSC IX 148239 lost to additional IX by ATV 220697 lost to ATV IX only 297980 lost to all IX 17880.2 976.7 432.3 852.6 368936 1409.0 lost to all IX

11N NY NEW YORK 10A CT NEW HAVEN 11A PA WILKES-BARRE 12A CT WATERBURY 12A NY ALBANY	BLCDT DTVPLN	DTVP0068	PLN LIC PLN	
After Analysis				
Results for: 11A MA SPRINGF HAAT 247.0 m, ATV ERP	10.0 kW			LIC
within Noise Limited Con			A (sq km) 1778.9	
not affected by terrain	losses 2	797190 1		
lost to NTSC IX		148239	976.7 704.5	
lost to additional IX by	ATV	239946 345699	704.5	
lost to ATV IX only lost to all IX		388185	1681 1	
iose co aii ix		300103	1001.1	
Potential Interfering Stat	ions Inclu	ded in above	Scenario 1	4
11N NY NEW YORK	BLCT		_	
10A CT NEW HAVEN	DTVPLN	DTVP0068	PLN	
11A PA WILKES-BARRE 12A CT WATERBURY	BTCD.I.	20051123AJX DTVP0097	TTC.	
12A CI WATERBURI 12A NY ALBANY	BPRM	20000413AAC		
11A NH DURHAM			APP	
*Percent Service lost with				20060619AAS
*Percent Service lost with				
Result key: 63				
Scenario 15 Affected	station	5		
Before Analysis				
Results for: 11A MA SPRINGF	IELD	BLCDT	20060619AAS	LIC
HAAT 247.0 m, ATV ERP				
		ULATION ARE		
within Noise Limited Con				
not affected by terrain lost to NTSC IX			.7880.2 976.7	
lost to MISC IX				
lost to ATV IX only		239414	497.3	
TOST TO ALL IN OHLY		239414 317331	492.3 912.6	
lost to all IX		239414 317331 387653	492.3 912.6 1469.0	
-		317331 387653	912.6 1469.0	5
lost to all IX Potential Interfering Stat	ions Inclu	317331 387653 ded in above	912.6 1469.0 Scenario 1	5
lost to all IX Potential Interfering Stat 11N NY NEW YORK		317331 387653 ded in above 19810826KH	912.6 1469.0	5
lost to all IX Potential Interfering Stat	ions Inclu BLCT	317331 387653 ded in above 19810826KH DTVP0068	912.6 1469.0 Scenario 1	5
lost to all IX Potential Interfering Stat 11N NY NEW YORK 10A CT NEW HAVEN	ions Inclu BLCT DTVPLN	317331 387653 ded in above 19810826KH DTVP0068	912.6 1469.0 Scenario 1 LIC PLN	5

After Analysis

Potential Interfering Stations Included in above Scenario 14

```
Results for: 11A MA SPRINGFIELD BLCDT 20060619AAS LIC HAAT 247.0 m, ATV ERP 10.0 kW
  not affected by terrain losses 2797190
                                           17880.2
  lost to NTSC IX
                    148239
                                            976.7
  lost to additional IX by ATV
                               258663
                                             764.5
  lost to ATV IX only
                                365166
                                            1352.9
  lost to all IX
                                 406902
                                            1741.2
Potential Interfering Stations Included in above Scenario
                                                       15
11N NY NEW YORK
                        BLCT
                                  19810826KH LIC
10A CT NEW HAVEN
                        DTVPLN
                                 DTVP0068
                                             PLN
11A PA WILKES-BARRE
                       BLCDT
                                 20051123AJX LIC
12A CT WATERBURY
                        BMPCDT
                                 20040608ABI CP
12A NY ALBANY
                        BLCDT
                                  20031022ABL LIC
11A NH DURHAM
                         USERRECORD01
                                             APP
*Percent Service lost without proposal: -11.4 to BLCDT
*Percent Service lost with proposal: -10.5 to BLCDT
                                                        20060619AAS
                                                        20060619AAS
Result key:
Scenario 16 Affected station 5
Before Analysis
Results for: 11A MA SPRINGFIELD
                                   BLCDT 20060619AAS LIC
  HAAT 247.0 m, ATV ERP 10.0 kW
  within Noise Limited Contour 3426452 21778.9
  not affected by terrain losses 2797190
                                            17880.2
                             148239
239414
  lost to NTSC IX
                                            976.7
  lost to additional IX by ATV
                                             492.3
  lost to ATV IX only
                                317331
                                             912.6
                                            1469.0
  lost to all IX
                                387653
Potential Interfering Stations Included in above Scenario
11N NY NEW YORK
                        BLCT
                                 19810826KH LIC
10A CT NEW HAVEN
                       DTVPLN DTVP0068
                                            PLN
11A PA WILKES-BARRE
                       BLCDT 20051123AJX LIC
                       BMPCDT 20040608ABI CP
12A CT WATERBURY
12A NY ALBANY
                                  20000413AAC LIC
                        BPRM
After Analysis
Results for: 11A MA SPRINGFIELD
                                   BLCDT
                                             20060619AAS LIC
  HAAT 247.0 m, ATV ERP 10.0 kW
                             POPULATION AREA (sq km)
  within Noise Limited Contour 3426452
                                          21778.9
  not affected by terrain losses 2797190
                                            17880.2
  lost to NTSC IX
                                148239
                                             976.7
                               258663
  lost to additional IX by ATV
                                             764.5
  lost to ATV IX only
                                365166
                                            1352.9
  lost to all IX
                                 406902
```

Potential Interfering Stations Included in above Scenario

```
BLCT 19810826KH LIC
DTVPLN DTVP0068 PLN
BLCDT 20051123AJX LIC
11N NY NEW YORK
10A CT NEW HAVEN
11A PA WILKES-BARRE
                           BMPCDT 20040608ABI CP
BPRM 20000413AAC LIC
12A CT WATERBURY
12A NY ALBANY
11A NH DURHAM
                           USERRECORD01
*Percent Service lost without proposal: -11.4 to BLCDT
*Percent Service lost with proposal: -10.5 to BLCDT
                                                                 20060619AAS
                                                                 20060619AAS
Result key:
                65
Scenario 17 Affected station
Before Analysis
                                   BLCDT 20060619AAS LIC
Results for: 11A MA SPRINGFIELD
  HAAT 247.0 m, ATV ERP 10.0 kW
                                POPULATION AREA (sq km)
   within Noise Limited Contour 3426452 21778.9
  not affected by terrain losses 2797190
                                                 17880.2
  lost to NTSC IX 188755
lost to additional IX by ATV 197160
lost to ATV IX only 301918
                                                  1140.8
                                                   404.3
   lost to ATV IX only
                                                    836.6
   lost to all IX
                                      385915
                                                  1545.1
 Potential Interfering Stations Included in above Scenario 17
11N NY NEW YORK
                           BPCT
                                       20040212AAA APP
                          BLCDT 20040701AEC LIC
DTVPLN DTVP0089 PLN
DTVPLN DTVP0097 PLN
10A CT NEW HAVEN
11A PA WILKES-BARRE
12A CT WATERBURY
12A NY ALBANY
                           BLCDT
                                      20031022ABL LIC
After Analysis
Results for: 11A MA SPRINGFIELD
                                        BLCDT 20060619AAS LIC
  HAAT 247.0 m, ATV ERP 10.0 kW
                              POPULATION AREA (sq km)
   within Noise Limited Contour 3426452 21778.9
  not affected by terrain losses 2797190
  not affected by Lerian - 188755 lost to Additional IX by ATV 209666 351646
                                                 17880.2
                                                  1140.8
                                     188755
                                                   640.4
   lost to ATV IX only
                                                  1296.9
   lost to all IX
                                     398421
                                                  1781.2
 Potential Interfering Stations Included in above Scenario 17
11N NY NEW YORK
                                       20040212AAA APP
                            BPCT
10A CT NEW HAVEN
                                       20040701AEC LIC
                           BLCDT
11A PA WILKES-BARRE
                            DTVPLN
                                       DTVP0089 PLN
12A CT WATERBURY
                            DTVPLN
                                      DTVP0097
                                                    PLN
12A NY ALBANY
                                       20031022ABL LIC
                            BLCDT
11A NH DURHAM
                            USERRECORD01
                                                   APP
*Percent Service lost without proposal: -11.4 to BLCDT 20060619AAS 
*Percent Service lost with proposal: -10.9 to BLCDT 20060619AAS
```

Result key: 66
Scenario 18 Affected station 5

Before Analysis

Results for: 11A MA SPRINGFIELD BLCDT 20060619AAS LIC

HAAT 247.0 m, ATV ERP 10.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3426452	21778.9
not affected by terrain losses	2797190	17880.2
lost to NTSC IX	188755	1140.8
lost to additional IX by ATV	197177	408.3
lost to ATV IX only	301935	844.6
lost to all IX	385932	1549.1

Potential Interfering Stations Included in above Scenario 18

11n ny new york	BPCT	20040212AAA	APP
10A CT NEW HAVEN	BLCDT	20040701AEC	LIC
11A PA WILKES-BARRE	DTVPLN	DTVP0089	PLN
12A CT WATERBURY	DTVPLN	DTVP0097	PLN
12A NY ALBANY	BPRM	20000413AAC	LIC

After Analysis

sults for: 11A MA SPRINGFIELD BLCDT 20060619AAS LIC HAAT 247.0 m, ATV ERP 10.0 kW
POPULATION AREA (sq km) Results for: 11A MA SPRINGFIELD

	POPULATION	AREA (sq km)
within Noise Limited Contour	3426452	21778.9
not affected by terrain losses	2797190	17880.2
lost to NTSC IX	188755	1140.8
lost to additional IX by ATV	209683	644.4
lost to ATV IX only	351663	1304.9
lost to all IX	398438	1785.2

Potential Interfering Stations Included in above Scenario 18

11N	NY	NEW YORK	BPCT	20040212AAA	APP
10A	CT	NEW HAVEN	BLCDT	20040701AEC	LIC
11A	PA	WILKES-BARRE	DTVPLN	DTVP0089	PLN
12A	CT	WATERBURY	DTVPLN	DTVP0097	PLN
12A	NY	ALBANY	BPRM	20000413AAC	LIC
11A	NH	DURHAM	USERRECORD01		APP

*Percent Service lost without proposal: -11.4 to BLCDT 20060619AAS *Percent Service lost with proposal: -10.9 to BLCDT 20060619AAS

Result key: 67
Scenario 19 Affected station 5

Before Analysis

BLCDT 20060619AAS LIC Results for: 11A MA SPRINGFIELD

HAAT 247.0 m, ATV ERP 10.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3426452	21778.9
not affected by terrain losses	2797190	17880.2
lost to NTSC IX	188755	1140.8
lost to additional IX by ATV	228614	484.3

lost to ATV IX only lost to all IX		320770 417369		
Potential Interfering Stat	ions Incl	uded in above	Scenario	19
11n ny new york	BPCT	20040212AAA	APP	
10A CT NEW HAVEN	BLCDT	20040701AEC	LIC	
11A PA WILKES-BARRE	DTVPLN		PLN	
	BMPCDT			
12A NY ALBANY	BLCDT	20031022ABL	LIC	
After Analysis				
Results for: 11A MA SPRINGF		BLCDT	20060619AAS	5 LIC
HAAT 247.0 m, ATV ERP		PULATION ARI	EA (sq km)	
within Noise Limited Con			21778.9	
not affected by terrain				
lost to NTSC IX			1140.8	
lost to additional IX by	ATV	241120	720.5	
lost to ATV IX only		370614	1384.9	
lost to all IX		429875	1861.3	
Potential Interfering Stat	ions Incl	uded in above	Scenario	19
11N NY NEW YORK	BPCT	20040212AAA	APP	
10A CT NEW HAVEN	BLCDT			
11A PA WILKES-BARRE	DTVPLN		PLN	
12A CT WATERBURY	BMPCDT	20040608ABI	CP	
12A NY ALBANY	BLCDT	20031022ABL	LIC	
11A NH DURHAM	USERRECO		APP	
*Percent Service lost with *Percent Service lost with				
Result key: 68				
Scenario 20 Affected	station	5		
Before Analysis				
Results for: 11A MA SPRINGF	ר זיי	BLCDT	20060619AAS	C ITC
HAAT 247.0 m, ATV ERP		ВЦСВІ	20000017AAL	э шс
,		PULATION ARE	EA (sq km)	
within Noise Limited Con	tour		21778.9	
not affected by terrain	losses		17880.2	
lost to NTSC IX		188755	1140.8	
lost to additional IX by	ATV	228631	488.3	
lost to ATV IX only			928.6	
lost to all IX		417386	1629.1	
Potential Interfering Stat	ions Incl	uded in above	Scenario	20
11n ny new york	BPCT	20040212AAA	APP	
10A CT NEW HAVEN	BLCDT	20040701AEC	LIC	
11A PA WILKES-BARRE	DTVPLN		PLN	
12A CT WATERBURY	BMPCDT			
12A NY ALBANY	BPRM	20000413AAC	LIC	

After Analysis

Results for: 11A MA SPRINGFIELD BLCDT 20060619AAS LIC HAAT 247.0 m, ATV ERP 10.0 kW POPULATION AREA (sq km) within Noise Limited Contour 3426452 21778.9 not affected by terrain losses 2797190 17880.2 lost to NTSC IX lost to additional IX by ATV 188755 1140.8 241137 724.5 lost to ATV IX only 370631 1393.0 lost to all IX 429892 1865.3 Potential Interfering Stations Included in above Scenario 20 11N NY NEW YORK BPCT 20040212AAA APP 10A CT NEW HAVEN BLCDT 20040701AEC LIC DTVPLN DTVP0089 11A PA WILKES-BARRE 20040608ABI CP 12A CT WATERBURY BMPCDT 20000413AAC LIC 12A NY ALBANY BPRM APP 11A NH DURHAM USERRECORD01 *Percent Service lost without proposal: -10.0 to BLCDT
*Percent Service lost with proposal: -9.4 to BLCDT 20060619AAS *Percent Service lost with proposal: 20060619AAS Result key: 69
Scenario 21 Affected station 5 Before Analysis BLCDT 20060619AAS LIC Results for: 11A MA SPRINGFIELD HAAT 247.0 m, ATV ERP 10.0 kW POPULATION AREA (sq km) within Noise Limited Contour 3426452 21778.9 17880.2 not affected by terrain losses 2797190 lost to NTSC IX 188755 lost to additional IX by ATV 200007 lost to ATV IX only 306932 1140.8 432.3 306932 900.6 lost to ATV IX only lost to all IX 388762 1573.1 Potential Interfering Stations Included in above Scenario 21 11N NY NEW YORK BPCT 20040212AAA APP 10A CT NEW HAVEN BLCDT 20040701AEC LIC BLCDT 20051123AJX LIC
DTVPLN DTVP0097 PLN 11A PA WILKES-BARRE 12A CT WATERBURY 12A NY ALBANY BLCDT 20031022ABL LIC After Analysis Results for: 11A MA SPRINGFIELD BLCDT 20060619AAS LIC HAAT 247.0 m, ATV ERP 10.0 kW POPULATION AREA (sq km) within Noise Limited Contour 3426452 21778.9 not affected by terrain losses 2797190 17880.2 lost to NTSC IX
lost to additional IX by ATV 212501
354651 1140.8 188755 664.5 lost to ATV IX only 1336.9 401256 1805.2 lost to all IX

Potential Interfering Stat:	ions Includ	ded in above	Scenario	21
11N NY NEW YORK 10A CT NEW HAVEN 11A PA WILKES-BARRE 12A CT WATERBURY 12A NY ALBANY 11A NH DURHAM *Percent Service lost without	BLCDT DTVPLN BLCDT USERRECORI	D01	LIC LIC PLN LIC APP	20060619AAS
*Percent Service lost with	proposal:	-10.7	to BLCDT	20060619AAS
Result key: 70 Scenario 22 Affected Before Analysis	station	5		
Results for: 11A MA SPRINGFT HAAT 247.0 m, ATV ERP		BLCDT	20060619AAS	LIC
within Noise Limited Confort affected by terrain I lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX	POPU tour 34 losses 2' ATV 2	426452 2 797190 1 188755 200007 306932 388762	1140.8 432.3 900.6 1573.1	22
11N NY NEW YORK	BPCT	20040212AAA		
10A CT NEW HAVEN	BLCDT	20040701AEC	LIC	
12A CT WATERBURY 12A NY ALBANY	BLCDT DTVPLN BPRM	DTVP0097 20000413AAC		
After Analysis				
Results for: 11A MA SPRINGF: HAAT 247.0 m, ATV ERP		BLCDT	20060619AAS	LIC
within Noise Limited Con	_		A (sq km) 1778.9	
not affected by terrain			7880.2	
lost to NTSC IX			1140.8	
lost to additional IX by lost to ATV IX only		212501 354651	664.5 1336.9	
lost to all IX			1805.2	
Potential Interfering Stat:	ions Includ	ded in above	Scenario	22
11n ny new york	BPCT	20040212AAA	APP	
10A CT NEW HAVEN	BLCDT	20040701AEC	LIC	
11A PA WILKES-BARRE	BLCDT	20051123AJX	LIC	
12A CT WATERBURY 12A NY ALBANY	DTVPLN BPRM	DTVP0097 20000413AAC	PLN LIC	
11A NH DURHAM	USERRECORI		APP	
*Percent Service lost with *Percent Service lost with		al: -11.3 -10.7	to BLCDT to BLCDT	20060619AAS 20060619AAS
			-	

Result key: 71 Scenario 23 Affected station 5

Before Analysis

Results for: 11A MA SPRINGFIELD BLCDT 20060619AAS LIC

HAAT 247.0 m, ATV ERP 10.0 kW

POPULATION AREA (sq km) within Noise Limited Contour 3426452 21778.9

 not affected by terrain losses
 2797190
 17880.2

 lost to NTSC IX
 188755
 1140.8

 lost to additional IX by ATV
 231461
 512.3

 lost to ATV IX only
 325784
 984.7

 lost to ATV IX only lost to all IX 420216 1653.1

Potential Interfering Stations Included in above Scenario 23

11N NY NEW YORK BPCT 20040212AAA APP BLCDT 10A CT NEW HAVEN 20040701AEC LIC BLCDT 20051123AJX LIC BMPCDT 20040608ABI CP BLCDT 20031022ABL LIC 11A PA WILKES-BARRE 12A CT WATERBURY 12A NY ALBANY

After Analysis

Results for: 11A MA SPRINGFIELD BLCDT 20060619AAS LIC

HAAT 247.0 m, ATV ERP 10.0 kW

POPULATION AREA (sq km) within Noise Limited Contour 3426452 21778.9 not affected by terrain losses 2797190 17880.2 lost to NTSC IX

188755

lost to additional IX by ATV

243955

lost to ATV IX only

373619 1140.8 744.5 1425.0 lost to all IX 432710 1885.3

Potential Interfering Stations Included in above Scenario 23

 BPCT
 20040212AAA
 APP

 BLCDT
 20040701AEC
 LIC

 BLCDT
 20051123AJX
 LIC

 BMPCDT
 20040608ABI
 CP
 11n ny new york 10A CT NEW HAVEN 11A PA WILKES-BARRE 12A CT WATERBURY BLCDT 20031022ABL LIC 12A NY ALBANY 11A NH DURHAM

11A NH DURHAM USERRECORD01 APP

*Percent Service lost without proposal: -9.9 to BLCDT 20060619AAS

*Percent Service lost with proposal: -9.3 to BLCDT 20060619AAS

Result key: 72 Scenario 24 Affected station 5

Before Analysis

Results for: 11A MA SPRINGFIELD BLCDT 20060619AAS LIC

HAAT 247.0 m, ATV ERP 10.0 kW

POPULATION AREA (sq km)

within Noise Limited Contour 3426452 21778.9 not affected by terrain losses 2797190 17880.2

lost to NTSC IX			1140.8	
lost to additional IX by	ATV	231461	512.3	
lost to ATV IX only lost to all IX			984.7	
lost to all IX		420216	1653.1	
Potential Interfering Stat	ions Inclu	ided in above	Scenario	24
11N NY NEW YORK	BPCT	20040212AAA	APP	
10A CT NEW HAVEN	BLCDT	20040701AEC	LIC	
11A PA WILKES-BARRE	BLCDT	20051123AJX	LIC	
12A CT WATERBURY	BMPCDT	20040608ABI		
12A NY ALBANY	BPRM	20000413AAC		
After Analysis				
Results for: 11A MA SPRINGF		BLCDT	20060619AAS	G LIC
HAAT 247.0 m, ATV ERP				
			A (sq km)	
within Noise Limited Cont	tour 3		1778.9	
not affected by terrain	losses 2	2797190 1	7880.2	
lost to NTSC IX			1140.8	
lost to additional IX by				
lost to ATV IX only		373619	1425.0	
lost to all IX			1885.3	
Potential Interfering Stat:	ions Inclu	ıded in above	Scenario	24
11N NY NEW YORK	BPCT		APP	
	BLCDT		LIC	
11A PA WILKES-BARRE	BLCDT	20051123AJX	LIC	
12A CT WATERBURY	BMPCDT	20040608ABI	CP	
12A NY ALBANY	BPRM	20000413AAC	LIC	
11A NH DURHAM	USERRECOF	RD01	APP	
11A NH DURHAM *Percent Service lost with	out propos	sal: -9.9	to BLCDT	20060619AAS
*Percent Service lost with	proposal:	-9.3	to BLCDT	20060619AAS
Decide leave 72				
Result key: 73 Scenario 25 Affected	station	5		
Before Analysis				
Results for: 11A MA SPRINGF: HAAT 247.0 m, ATV ERP		BLCDT	20060619AAS	S LIC
	POI	PULATION ARE	A (sq km)	
within Noise Limited Cont	tour 3	3426452 2	1778.9	
not affected by terrain	losses 2	2797190 1	7880.2	
lost to NTSC IX		188755	1140.8	
lost to additional IX by	ATV	189848	384.3	
lost to ATV IX only		292943	784.5	
lost to all IX			1525.0	
Potential Interfering Stat:	ions Inclu	ıded in above	Scenario	25
11N NY NEW YORK	BPCT	20040212AAA	APP	
10A CT NEW HAVEN	DTVPLN	DTVP0068	PLN	
11A PA WILKES-BARRE	DTVPLN	DTVP0089	PLN	
12A CT WATERBURY	DTVPLN	DTVP0097	PLN	

After Analysis

Results for: 11A MA SPRINGFIELD BLCDT 20060619AAS LIC

HAAT 247.0 m, ATV ERP 10.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3426452	21778.9
not affected by terrain losses	2797190	17880.2
lost to NTSC IX	188755	1140.8
lost to additional IX by ATV	202377	624.4
lost to ATV IX only	342694	1248.9
lost to all IX	391132	1765.2

Potential Interfering Stations Included in above Scenario 25

11N	NY	NEW YORK	BPCT	20040212AAA	APP
10A	CT	NEW HAVEN	DTVPLN	DTVP0068	PLN
11A	PΑ	WILKES-BARRE	DTVPLN	DTVP0089	PLN
12A	CT	WATERBURY	DTVPLN	DTVP0097	PLN
12A	NY	ALBANY	BLCDT	20031022ABL	LIC
11A	NH	DURHAM	USERRECORI	001	APP

*Percent Service lost without proposal: -11.8 to BLCDT 20060619AAS *Percent Service lost with proposal: -11.2 to BLCDT 20060619AAS

Result key: 74

Scenario 26 Affected station 5

Before Analysis

Results for: 11A MA SPRINGFIELD BLCDT 20060619AAS LIC

HAAT 247.0 m, ATV ERP 10.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3426452	21778.9
not affected by terrain losses	2797190	17880.2
lost to NTSC IX	188755	1140.8
lost to additional IX by ATV	189865	388.3
lost to ATV IX only	292960	792.5
lost to all IX	378620	1529.0

Potential Interfering Stations Included in above Scenario 26

11N	NY	NEW YORK	BPCT	20040212AAA	APP
10A	CT	NEW HAVEN	DTVPLN	DTVP0068	PLN
11A	PΑ	WILKES-BARRE	DTVPLN	DTVP0089	PLN
12A	CT	WATERBURY	DTVPLN	DTVP0097	PLN
12A	NY	ALBANY	BPRM	20000413AAC	LIC

After Analysis

Results for: 11A MA SPRINGFIELD BLCDT 20060619AAS LIC

HAAT 247.0 m, ATV ERP 10.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3426452	21778.9
not affected by terrain losses	2797190	17880.2
lost to NTSC IX	188755	1140.8
lost to additional IX by ATV	202394	628.4

lost to ATV IX only lost to all IX		342711 391149	1256.9 1769.2	
Potential Interfering Stat	ions Incl	uded in above	Scenario 2	26
11N NY NEW YORK 10A CT NEW HAVEN 11A PA WILKES-BARRE 12A CT WATERBURY 12A NY ALBANY 11A NH DURHAM *Percent Service lost with *Percent Service lost with	DTVPLN DTVPLN BPRM USERRECON OUT Propos	DTVP0068 DTVP0089 DTVP0097 20000413AAC RD01 sal: -11.8	PLN PLN PLN LIC APP to BLCDT	20060619AAS 20060619AAS
Result key: 75 Scenario 27 Affected Before Analysis	station	5		
Results for: 11A MA SPRINGF HAAT 247.0 m, ATV ERP		BLCDT	20060619AAS	LIC
	POI	PULATION ARI	EA (sq km)	
within Noise Limited Con			21778.9	
not affected by terrain			17880.2	
lost to NTSC IX			1140.8	
lost to additional IX by lost to ATV IX only	ATV	225351 312294	456.3 844.6	
lost to all IX		414106	1597.1	
Potential Interfering Stat	ions Incl	uded in above	Scenario 2	27
11N NY NEW YORK				
	BPCT	20040212AAA	APP	
10A CT NEW HAVEN	BPCT DTVPLN			
11A PA WILKES-BARRE	DTVPLN DTVPLN	DTVP0068 DTVP0089	PLN PLN	
11A PA WILKES-BARRE 12A CT WATERBURY	DTVPLN DTVPLN BMPCDT	DTVP0068 DTVP0089 20040608ABI	PLN PLN CP	
11A PA WILKES-BARRE	DTVPLN DTVPLN	DTVP0068 DTVP0089 20040608ABI	PLN PLN CP	
11A PA WILKES-BARRE 12A CT WATERBURY	DTVPLN DTVPLN BMPCDT	DTVP0068 DTVP0089 20040608ABI	PLN PLN CP	
11A PA WILKES-BARRE 12A CT WATERBURY 12A NY ALBANY	DTVPLN DTVPLN BMPCDT BLCDT	DTVP0068 DTVP0089 20040608ABI 20031022ABL	PLN PLN CP LIC 20060619AAS	LIC
11A PA WILKES-BARRE 12A CT WATERBURY 12A NY ALBANY After Analysis Results for: 11A MA SPRINGF HAAT 247.0 m, ATV ERP	DTVPLN DTVPLN BMPCDT BLCDT IELD 10.0 kW POI	DTVP0068 DTVP0089 20040608ABI 20031022ABL BLCDT	PLN PLN CP LIC 20060619AAS EA (sq km)	LIC
11A PA WILKES-BARRE 12A CT WATERBURY 12A NY ALBANY After Analysis Results for: 11A MA SPRINGF HAAT 247.0 m, ATV ERP within Noise Limited Con	DTVPLN DTVPLN BMPCDT BLCDT IELD 10.0 kW POI	DTVP0068 DTVP0089 20040608ABI 20031022ABL BLCDT PULATION ARI 3426452	PLN PLN CP LIC 20060619AAS EA (sq km) 21778.9	LIC
11A PA WILKES-BARRE 12A CT WATERBURY 12A NY ALBANY After Analysis Results for: 11A MA SPRINGF HAAT 247.0 m, ATV ERP within Noise Limited Con not affected by terrain	DTVPLN DTVPLN BMPCDT BLCDT IELD 10.0 kW POI	DTVP0068 DTVP0089 20040608ABI 20031022ABL BLCDT PULATION ARI 3426452 2	PLN PLN CP LIC 20060619AAS EA (sq km) 21778.9 17880.2	LIC
11A PA WILKES-BARRE 12A CT WATERBURY 12A NY ALBANY After Analysis Results for: 11A MA SPRINGF HAAT 247.0 m, ATV ERP within Noise Limited Con not affected by terrain lost to NTSC IX	DTVPLN DTVPLN BMPCDT BLCDT IELD 10.0 kW POItour losses	DTVP0068 DTVP0089 20040608ABI 20031022ABL BLCDT PULATION ARI 3426452 2 2797190 1	PLN PLN CP LIC 20060619AAS EA (sq km) 21778.9	LIC
11A PA WILKES-BARRE 12A CT WATERBURY 12A NY ALBANY After Analysis Results for: 11A MA SPRINGF HAAT 247.0 m, ATV ERP within Noise Limited Con not affected by terrain	DTVPLN DTVPLN BMPCDT BLCDT IELD 10.0 kW POItour losses	DTVP0068 DTVP0089 20040608ABI 20031022ABL BLCDT PULATION ARI 3426452 2	PLN PLN CP LIC 20060619AAS EA (sq km) 21778.9 17880.2 1140.8	LIC
11A PA WILKES-BARRE 12A CT WATERBURY 12A NY ALBANY After Analysis Results for: 11A MA SPRINGF HAAT 247.0 m, ATV ERP within Noise Limited Con not affected by terrain lost to NTSC IX lost to additional IX by	DTVPLN DTVPLN BMPCDT BLCDT IELD 10.0 kW POItour losses	DTVP0068 DTVP0089 20040608ABI 20031022ABL BLCDT PULATION ARI 3426452 2 2797190 1 188755 237880	PLN PLN CP LIC 20060619AAS EA (sq km) 21778.9 17880.2 1140.8 696.5	LIC
11A PA WILKES-BARRE 12A CT WATERBURY 12A NY ALBANY After Analysis Results for: 11A MA SPRINGF HAAT 247.0 m, ATV ERP within Noise Limited Con not affected by terrain lost to NTSC IX lost to additional IX by lost to ATV IX only	DTVPLN DTVPLN BMPCDT BLCDT IELD 10.0 kW POI tour losses	DTVP0068 DTVP0089 20040608ABI 20031022ABL BLCDT PULATION ARI 3426452 2797190 188755 237880 362161 426635	PLN PLN CP LIC 20060619AAS EA (sq km) 21778.9 17880.2 1140.8 696.5 1312.9 1837.3	LIC
11A PA WILKES-BARRE 12A CT WATERBURY 12A NY ALBANY After Analysis Results for: 11A MA SPRINGF HAAT 247.0 m, ATV ERP within Noise Limited Con not affected by terrain lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX	DTVPLN DTVPLN BMPCDT BLCDT IELD 10.0 kW POI tour losses	DTVP0068 DTVP0089 20040608ABI 20031022ABL BLCDT PULATION ARI 3426452 2797190 188755 237880 362161 426635	PLN PLN CP LIC 20060619AAS EA (sq km) 21778.9 17880.2 1140.8 696.5 1312.9 1837.3 Scenario 2	
11A PA WILKES-BARRE 12A CT WATERBURY 12A NY ALBANY After Analysis Results for: 11A MA SPRINGF HAAT 247.0 m, ATV ERP within Noise Limited Con not affected by terrain lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX Potential Interfering Stat 11N NY NEW YORK 10A CT NEW HAVEN	DTVPLN DTVPLN BMPCDT BLCDT IELD 10.0 kW POI tour losses ATV ions Inclu BPCT DTVPLN	DTVP0068 DTVP0089 20040608ABI 20031022ABL BLCDT PULATION ARI 3426452 2 2797190 3 188755 237880 362161 426635 aded in above 20040212AAA DTVP0068	PLN PLN CP LIC 20060619AAS EA (sq km) 21778.9 17880.2 1140.8 696.5 1312.9 1837.3 Scenario 2	
11A PA WILKES-BARRE 12A CT WATERBURY 12A NY ALBANY After Analysis Results for: 11A MA SPRINGF HAAT 247.0 m, ATV ERP within Noise Limited Con not affected by terrain lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX Potential Interfering Stat 11N NY NEW YORK 10A CT NEW HAVEN 11A PA WILKES-BARRE	DTVPLN DTVPLN BMPCDT BLCDT IELD 10.0 kW POI tour losses ATV ions Inclu BPCT DTVPLN DTVPLN	DTVP0068 DTVP0089 20040608ABI 20031022ABL BLCDT PULATION ARI 3426452 2 2797190 3 188755 237880 362161 426635 aded in above 20040212AAA DTVP0068 DTVP0089	PLN PLN CP LIC 20060619AAS EA (sq km) 21778.9 17880.2 1140.8 696.5 1312.9 1837.3 Scenario APP PLN PLN	
11A PA WILKES-BARRE 12A CT WATERBURY 12A NY ALBANY After Analysis Results for: 11A MA SPRINGF HAAT 247.0 m, ATV ERP within Noise Limited Con not affected by terrain lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX Potential Interfering Stat 11N NY NEW YORK 10A CT NEW HAVEN 11A PA WILKES-BARRE 12A CT WATERBURY	DTVPLN DTVPLN BMPCDT BLCDT IELD 10.0 kW POI tour losses ATV ions Inclu BPCT DTVPLN DTVPLN BMPCDT	DTVP0068 DTVP0089 20040608ABI 20031022ABL BLCDT PULATION ARI 3426452 2797190 188755 237880 362161 426635 aded in above 20040212AAA DTVP0068 DTVP0089 20040608ABI	PLN PLN CP LIC 20060619AAS EA (sq km) 21778.9 17880.2 1140.8 696.5 1312.9 1837.3 Scenario APP PLN PLN CP	
11A PA WILKES-BARRE 12A CT WATERBURY 12A NY ALBANY After Analysis Results for: 11A MA SPRINGF HAAT 247.0 m, ATV ERP within Noise Limited Con not affected by terrain lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX Potential Interfering Stat 11N NY NEW YORK 10A CT NEW HAVEN 11A PA WILKES-BARRE	DTVPLN DTVPLN BMPCDT BLCDT IELD 10.0 kW POI tour losses ATV ions Inclu BPCT DTVPLN DTVPLN	DTVP0068 DTVP0089 20040608ABI 20031022ABL BLCDT PULATION ARI 3426452 2797190 188755 237880 362161 426635 aded in above 20040212AAA DTVP0068 DTVP0068 DTVP0089 20040608ABI 20031022ABL	PLN PLN CP LIC 20060619AAS EA (sq km) 21778.9 17880.2 1140.8 696.5 1312.9 1837.3 Scenario APP PLN PLN CP	

*Percent Service lost without proposal: -10.1 to BLCDT 20060619AAS *Percent Service lost with proposal: -9.6 to BLCDT 20060619AAS

Result key: 76
Scenario 28 Affected station 5

Before Analysis

Results for: 11A MA SPRINGFIELD BLCDT 20060619AAS LIC

HAAT 247.0 m, ATV ERP 10.0 kW

POPULATION AREA (sq km) within Noise Limited Contour 3426452 21778.9 not affected by terrain losses 2797190 lost to NTSC IX 188755 lost to additional IX by ATV 225368 lost to ATV IX only 312311 17880.2 1140.8 460.3 852.6 lost to ATV IX only 414123 1601.1 lost to all IX

Potential Interfering Stations Included in above Scenario 28

11N NY NEW YORK BPCT 20040212AAA APP 10A CT NEW HAVEN DTVPLN DTVP0068 PLN DTVPLN DTVP0089 PLN
BMPCDT 20040608ABI CP
BPRM 20000413AAC LIC 11A PA WILKES-BARRE 12A CT WATERBURY 12A NY ALBANY

After Analysis

Results for: 11A MA SPRINGFIELD BLCDT 20060619AAS LIC HAAT 247.0 m, ATV ERP 10.0 kW

POPULATION AREA (sq km) within Noise Limited Contour 3426452 21778.9 17880.2 not affected by terrain losses 2797190 lost to NTSC IX

188755
lost to additional IX by ATV
237897
lost to ATV IX only
362178 1140.8 700.5 1320.9 lost to all IX 1841.3 426652

Potential Interfering Stations Included in above Scenario 28

BPCT 20040212AAA APP DTVPLN DTVP0068 PLN 11N NY NEW YORK 10A CT NEW HAVEN DTVPLN DTVP0089 PLN 11A PA WILKES-BARRE BMPCDT 20040608ABI CP BPRM 20000413AAC LIC 12A CT WATERBURY BMPCDT 12A NY ALBANY APP 11A NH DURHAM USERRECORD01

*Percent Service lost without proposal: -10.1 to BLCDT 20060619AAS *Percent Service lost with proposal: -9.6 to BLCDT 20060619AAS *Percent Service lost with proposal:

Result key:

Scenario 29 Affected station 5

Before Analysis

HAAT 247.0 m, ATV ERP 10.0 kW Results for: 11A MA SPRINGFIELD

POPULATION AREA (sq km)

within Noise Limited Con not affected by terrain lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX Potential Interfering Stat 11N NY NEW YORK 10A CT NEW HAVEN 11A PA WILKES-BARRE 12A CT WATERBURY 12A NY ALBANY	losses	188755 192718 297980 381473 luded in abov 20040212AA DTVP0068 20051123AJ DTVP0097	17880.2 1140.8 416.3 852.6 1557.1 7e Scenario NA APP PLN TX LIC PLN	29
After Analysis				
Results for: 11A MA SPRINGF HAAT 247.0 m, ATV ERP within Noise Limited Con not affected by terrain lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX Potential Interfering Stat 11N NY NEW YORK 10A CT NEW HAVEN 11A PA WILKES-BARRE 12A CT WATERBURY 12A NY ALBANY 11A NH DURHAM *Percent Service lost with *Percent Service lost with	10.0 kW P tour losses ATV ions Inc BPCT DTVPLN BLCDT DTVPLN BLCDT USERREC out prop	OPULATION A 3426452 2797190 188755 205212 345699 393967 luded in abov 20040212AA DTVP0068 20051123AJ DTVP0097 20031022AE ORD01 osal: -11.	1140.8 648.4 1288.9 1789.2 Te Scenario AA APP PLN IX LIC PLN BL LIC APP 6 to BLCDT	29
Result key: 78 Scenario 30 Affected Before Analysis	station	5		
Results for: 11A MA SPRINGF HAAT 247.0 m, ATV ERP within Noise Limited Con not affected by terrain lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX	10.0 kW P tour losses	OPULATION A	20060619AA AREA (sq km) 21778.9 17880.2 1140.8 416.3 852.6 1557.1	AS LIC
Potential Interfering Stat	ions Inc	luded in abov	ve Scenario	30
11n ny new york 10a CT new haven	BPCT DTVPLN	20040212AA		-

11A PA WILKES-BARRE	BLCDT	20051123AJX	LIC
12A CT WATERBURY	DTVPLN	DTVP0097	PLN
12A NY ALBANY	BPRM	20000413AAC	LIC

After Analysis

Results for: 11A MA SPRINGFIELD BLCDT 20060619AAS LIC

HAAT 247.0 m, ATV ERP 10.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3426452	21778.9
not affected by terrain losses	2797190	17880.2
lost to NTSC IX	188755	1140.8
lost to additional IX by ATV	205212	648.4
lost to ATV IX only	345699	1288.9
lost to all IX	393967	1789.2

Potential Interfering Stations Included in above Scenario 30

11N NY NEW YORK	BPCT	20040212AAA	APP
10A CT NEW HAVEN	DTVPLN	DTVP0068	PLN
11A PA WILKES-BARRE	BLCDT	20051123AJX	LIC
12A CT WATERBURY	DTVPLN	DTVP0097	PLN
12A NY ALBANY	BPRM	20000413AAC	LIC
11A NH DURHAM	USERRECOR	D01	APP

11A NH DURHAM USERRECORD01 APP

*Percent Service lost without proposal: -11.6 to BLCDT 20060619AAS

*Percent Service lost with proposal: -11.1 to BLCDT 20060619AAS

Result key: 79
Scenario 31 Affected station 5

Before Analysis

BLCDT 20060619AAS LIC Results for: 11A MA SPRINGFIELD

HAAT 247.0 m, ATV ERP 10.0 kW

11AA1 247.0 m, AIV ERF 10.0 1	Z V V	
	POPULATION	AREA (sq km)
within Noise Limited Contour	3426452	21778.9
not affected by terrain losses	2797190	17880.2
lost to NTSC IX	188755	1140.8
lost to additional IX by ATV	228221	488.3
lost to ATV IX only	317331	912.6
lost to all IX	416976	1629.1

Potential Interfering Stations Included in above Scenario 31

11N NY	NEW YORK	BPCT	20040212AAA	APP
10A CT	NEW HAVEN	DTVPLN	DTVP0068	PLN
11A PA	WILKES-BARRE	BLCDT	20051123AJX	LIC
12A CT	WATERBURY	BMPCDT	20040608ABI	CP
12A NY	ALBANY	BLCDT	20031022ABL	LIC

After Analysis

Results for: 11A MA SPRINGFIELD BLCDT 20060619AAS LIC

HAAT 247.0 m, ATV ERP 10.0 kW

POPULATION AREA (sq km) within Noise Limited Contour 3426452 21778.9 not affected by terrain losses 2797190 17880.2

_				
lost to NTSC IX		188755	1140.8	
lost to additional IX by	A.I.A	240715 365166	720.5 1352.9	
lost to ATV IX only lost to all IX		429470	1861.3	
TOSC CO ATT IX		429470	1001.3	
Potential Interfering Stat	cions Incl	uded in above	Scenario	31
11N NY NEW YORK	BPCT	20040212AAA	APP	
		DTVP0068		
		20051123AJX		
		20040608ABI		
12A NY ALBANY		20031022ABL		
11A NH DURHAM *Percent Service lost with	USERRECC		APP	20060619AAS
*Percent Service lost with	nout proposal	: -9 4	to BLCDT	20060619AAS 20060619AAS
10100110 2011100 1020 11101	r FroFosar		00 22021	200000171110
Result key: 80				
Scenario 32 Affected	d station	5		
Before Analysis				
Results for: 11A MA SPRINGE	TEI.D	BLCDT	20060619AAS	LIC
HAAT 247.0 m, ATV ERP		51051	200000131110	. 110
		PULATION AR	EA (sq km)	
within Noise Limited Cor	ntour	3426452	21778.9	
not affected by terrain	losses	2797190	17880.2	
lost to NTSC IX		188755		
lost to additional IX by			488.3	
lost to ATV IX only		317331		
lost to all IX		416976	1629.1	
Potential Interfering Stat	cions Incl	uded in above	Scenario	32
11N NY NEW YORK	BPCT	20040212AAA	APP	
10A CT NEW HAVEN	DTVPLN	DTVP0068	PLN	
11A PA WILKES-BARRE	BLCDT			
12A CT WATERBURY		20040608ABI		
12A NY ALBANY	BPRM	20000413AAC	LIC	
After Analysis				
Results for: 11A MA SPRINGE HAAT 247.0 m, ATV ERP		BLCDT	20060619AAS	LIC
111111 217.0 m, 111 v IIII		PULATION AR	EA (sq km)	
within Noise Limited Cor			21778.9	
not affected by terrain	losses	2797190	17880.2	
lost to NTSC IX		188755	1140.8	
lost to additional IX by	7 ATV		720.5	
lost to ATV IX only		365166	1352.9	
lost to all IX		429470	1861.3	
Potential Interfering Stat	cions Incl	uded in above	Scenario	32
11N NY NEW YORK	BPCT	20040212AAA	APP	
10A CT NEW HAVEN	DTVPLN		PLN	
11A PA WILKES-BARRE	BLCDT			
12A CT WATERBURY	BMPCDT	20040608ABI	CP	

```
12A NY ALBANY BPRM 20000413AAC LIC
11A NH DURHAM USERRECORD01 APP
```

*Percent Service lost without proposal: -10.0 to BLCDT 20060619AAS
*Percent Service lost with proposal: -9.4 to BLCDT 20060619AAS

Analysis of Interference to Affected Station 6

NTSC Baseline Analysis

Channel Call City/State Application Ref. No.

11 WPIX NEW YORK NY DTVPLN -NPLN0731

Stations Potentially Affecting This Station

Q1	Q - 1 1	Q; + / Q+ - + -	D-1 / 1)	a	77-2	D-E M-
Chan	Call	City/State	Dist(km)	Status	Application	on Ref. No.
10	WTNH-DT	NEW HAVEN CT	119.0	PLN	DTVPLN	-DTVP0068
10	WTEN	ALBANY NY	214.0	PLN	DTVPLN	-NPLN0671
10	WCAU	PHILADELPHIA PA	127.5	PLN	DTVPLN	-NPLN0678
11	WWLP-DT	SPRINGFIELD MA	187.6	PLN	DTVPLN	-DTVP0084
11	WBALTV	BALTIMORE MD	271.7	PLN	DTVPLN	-NPLN0717
11	WENHTV	DURHAM NH	358.8	PLN	DTVPLN	-NPLN0728
11	WBRE-DT	WILKES-BARRE PA	164.2	PLN	DTVPLN	-DTVP0089
12	WTXX-DT	WATERBURY CT	122.3	PLN	DTVPLN	-DTVP0097
12	WHYYTV	WILMINGTON DE	127.8	PLN	DTVPLN	-NPLN0757

Results for: 11N NY NEW YORK DTVPLN NPLN0731 PLN

	POPULATION	AREA (sq km)
within Noise Limited Contour	19840695	29001.2
not affected by terrain losses	19321562	26146.6
lost to NTSC IX	792015	2878.6
lost to additional IX by ATV	98808	495.1
lost to all IX	890823	3373.6

Analysis of current record

Channel Call City/State Application Ref. No.
11 WPIX NEW YORK NY BPCT -20040212AAA

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	on Ref. No.
10	WTNH	NEW HAVEN CT	114.6	LIC	BLCDT	-20040701AEC
10	WTNH-DT	NEW HAVEN CT	114.6	PLN	DTVPLN	-DTVP0068
10	WTEN	ALBANY NY	210.0	LIC	BLCT	-1285
10	WCAU	PHILADELPHIA PA	131.8	LIC	BLCT	-20041119AEQ
11	WWLP-DT	SPRINGFIELD MA	183.0	PLN	DTVPLN	-DTVP0084
11	WWLP	SPRINGFIELD MA	183.0	LIC	BLCDT	-20060619AAS
11	WBAL-TV	BALTIMORE MD	275.8	LIC	BLCT	-20000707AEB
11	WENH-TV	DURHAM NH	354.2	LIC	BMLET	-19960516KH
11	WBRE-DT	WILKES-BARRE PA	165.1	PLN	DTVPLN	-DTVP0089
11	WBRE-TV	WILKES-BARRE PA	165.6	LIC	BLCDT	-20051123AJX
12	WTXX-DT	WATERBURY CT	117.8	PLN	DTVPLN	-DTVP0097
12	WTXX	WATERBURY CT	143.4	CP MOD	BMPCDT	-20040608ABI
12	WHYY-TV	WILMINGTON DE	132.0	LIC	BLET	-19940707KE

12	WNYT	ALBANY NY	208.6	LIC	BLCDT	-20031022ABL		
12	WNYT-DR	ALBANY NY	208.8	LIC	BPRM	-20000413AAC		
12	WBNG-TV	BINGHAMTON NY	219.3	LIC	BLCT	-19870821KE		
11	WENH-D11	DURHAM NH	354.2	APP	USERRECOR	D-01		
Prop	Proposal causes no interference							

Analysis of Interference to Affected Station 7

Analysis of current record

Channel Call City/State Application Ref. No.
11 WPIX NEW YORK NY BLCT -19810826KH

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	on Ref. No.	
10	WTNH	NEW HAVEN CT	119.0	LIC	BLCDT	-20040701AEC	
10	WTNH-DT	NEW HAVEN CT	119.0	PLN	DTVPLN	-DTVP0068	
10	WTEN	ALBANY NY	214.0	LIC	BLCT	-1285	
10	WCAU	PHILADELPHIA PA	127.6	LIC	BLCT	-20041119AEQ	
11	WWLP-DT	SPRINGFIELD MA	187.6	PLN	DTVPLN	-DTVP0084	
11	WWLP	SPRINGFIELD MA	187.6	LIC	BLCDT	-20060619AAS	
11	WBAL-TV	BALTIMORE MD	271.7	LIC	BLCT	-20000707AEB	
11	WENH-TV	DURHAM NH	358.8	LIC	BMLET	-19960516KH	
11	WBRE-DT	WILKES-BARRE PA	164.2	PLN	DTVPLN	-DTVP0089	
11	WBRE-TV	WILKES-BARRE PA	164.7	LIC	BLCDT	-20051123AJX	
12	WTXX-DT	WATERBURY CT	122.3	PLN	DTVPLN	-DTVP0097	
12	WTXX	WATERBURY CT	148.0	CP MOD	BMPCDT	-20040608ABI	
12	WHYY-TV	WILMINGTON DE	127.8	LIC	BLET	-19940707KE	
12	WNYT	ALBANY NY	212.7	LIC	BLCDT	-20031022ABL	
12	WNYT-DR	ALBANY NY	212.9	LIC	BPRM	-20000413AAC	
11	WENH-D11	DURHAM NH	358.8	APP	USERRECORI	0-01	
Prop	Proposal causes no interference						

Analysis of Interference to Affected Station 8

DTV Baseline Analysis

Channel Call City/State Application Ref. No.
12 WTXX-DT WATERBURY CT DTVPLN -DTVP0097

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Applicati	on Ref. No.
11	WWLP-DT	SPRINGFIELD MA	68.2	PLN	DTVPLN	-DTVP0084
11	WPIX	NEW YORK NY	122.3	PLN	DTVPLN	-NPLN0731
12	WHYYTV	WILMINGTON DE	248.7	PLN	DTVPLN	-NPLN0757
12	WBNGTV	BINGHAMTON NY	250.4	PLN	DTVPLN	-NPLN0786
12	WPRITV	PROVIDENCE RI	149.5	PLN	DTVPLN	-NPLN0793
13	WNET	NEWARK NJ	122.3	PLN	DTVPLN	-NPLN0850
13	WNYT	ALBANY NY	149.6	PLN	DTVPLN	-NPLN0853

13	WPRI-DT	PROVIDENCE R	Γ	149.5	PLN	DTVPLN	-DTVP0118
		2A CT WATERBUE			N DTV	P0097	PLN
		,		OPULATION	AREA (s	q km)	
wi	thin Nois	e Limited Cont	cour	5762112	23829	.2	
no	t affecte	d by terrain I	losses	5374699	21841	.8	
	st to NTS	-		471072			
		itional IX by					
	st to ATV	-		253122			
10	st to all	IX		655356	2522	. 2	
NTSC Chann 20		11 (City/Sta BURY CT	te A	oplicati DTVPLN	on Ref. N -NPLN	
	Stations	Potentially A	ffecting	This Stati	on		
Chan	Call	City/State		Dist(km)	Status	Applicat	ion Ref. No.
17	WOST-DT	BLOCK ISLAND	RI	102.7	PLN	DTVPLN	-DTVP0279
18	WHCTTV	HARTFORD CT		33.8	PLN	DTVPLN	-NPLN1012
19	WCDCTV	ADAMS MA		125.0	PLN	DTVPLN	-NPLN1045
19	WGBH-DT	BOSTON MA		171.7	PLN	DTVPLN	-DTVP0356
20	MCMD DT	DOCTON MA		171 7	DT M	דע דכו זידיכו	ט מ מ מידיים

Chan	Call	City/State	Dist(km)	Status	Applicat	ion Ref. No.
17	WOST-DT	BLOCK ISLAND RI	102.7	PLN	DTVPLN	-DTVP0279
18	WHCTTV	HARTFORD CT	33.8	PLN	DTVPLN	-NPLN1012
19	WCDCTV	ADAMS MA	125.0	PLN	DTVPLN	-NPLN1045
19	WGBH-DT	BOSTON MA	171.7	PLN	DTVPLN	-DTVP0356
20	WCVB-DT	BOSTON MA	171.7	PLN	DTVPLN	-DTVP0399
20	WUTR	UTICA NY	253.3	PLN	DTVPLN	-NPLN1086
20	WVTB	ST. JOHNSBURY VT	351.4	PLN	DTVPLN	-NPLN1093
21	WLIW	GARDEN CITY NY	88.8	PLN	DTVPLN	-NPLN1120
21	WRNN-DT	KINGSTON NY	109.6	PLN	DTVPLN	-DTVP0450
21	WSBE-DT	PROVIDENCE RI	132.2	PLN	DTVPLN	-DTVP0455
22	WWLP	SPRINGFIELD MA	68.2	PLN	DTVPLN	-NPLN1144
22	WLIW-DT	GARDEN CITY NY	88.8	PLN	DTVPLN	-DTVP0499
23	WHSI-DT	SMITHTOWN NY	70.0	PLN	DTVPLN	-DTVP0537
24	WEDH	HARTFORD CT	33.5	PLN	DTVPLN	-NPLN1202
24	WNYE-DT	NEW YORK NY	117.8	PLN	DTVPLN	-DTVP0579
27	WUNI	WORCESTER MA	141.0	PLN	DTVPLN	-NPLN1306
27	WTBY-DT	POUGHKEEPSIE NY	84.3	PLN	DTVPLN	-DTVP0681
28	WNBC-DT	NEW YORK NY	122.3	PLN	DTVPLN	-DTVP0719
34	WTWS-DT	NEW LONDON CT	69.2	PLN	DTVPLN	-DTVP0929
35	WVIT-DT	NEW BRITAIN CT	25.5	PLN	DTVPLN	-DTVP0967
Resul	ts for: 2	ON CT WATERBURY	DTVPLI	N NPL	N1070	PLN
			POPULATION	AREA (s	q km)	
wi	thin Nois	e Limited Contour	5560542	22859	. 4	

esults for: 20N CT WATERBURY	DTVPL	N NPLN1070	PLN
	POPULATION	AREA (sq km)	
within Noise Limited Contour	5560542	22859.4	
not affected by terrain losses	5154215	20520.8	
lost to NTSC IX	906243	1939.5	
lost to additional IX by ATV	284778	1927.6	
lost to all IX	1191021	3867.1	

Analysis of current record

Channel Call City/State Application Ref. No.
12 WTXX WATERBURY CT BMPCDT -20040608ABI

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Applicat	tion Ref. No.
11	WWLP-DT	SPRINGFIELD MA	43.7	PLN	DTVPLN	-DTVP0084
11	WWLP	SPRINGFIELD MA	43.7	LIC	BLCDT	-20060619AAS

11	WENHTV	DURHAM NH	211.0	PLN	DTVPLN	-NPLN0728
11	WPIX	NEW YORK NY	143.4	APP	BPCT	-20040212AAA
11	WPIX	NEW YORK NY	148.0	LIC	BLCT	-19810826KH
12	WHYY-TV	WILMINGTON DE	274.0	LIC	BLET	-19940707KE
12	WNYT	ALBANY NY	141.1	LIC	BLCDT	-20031022ABL
12	WNYT-DR	ALBANY NY	141.4	LIC	BPRM	-20000413AAC
12	WBNG-TV	BINGHAMTON NY	261.1	LIC	BLCT	-19870821KE
12	WPRI-TV	PROVIDENCE RI	129.9	LIC	BLCT	-1750
13	WNET	NEWARK NJ	148.0	LIC	BLET	-19811110KG
13	WNET	NEWARK NJ	143.4	APP	BPCT	-20040213AFP
13	WNYT	ALBANY NY	137.0	LIC	BLCT	-19800314KF
13	WPRI-TV	PROVIDENCE RI	129.9	LIC	BLCDT	-20040526ALH
13	WPRI-DT	PROVIDENCE RI	129.9	PLN	DTVPLN	-DTVP0118
11	WENH-D11	DURHAM NH	211.0	APP	USERRECOR	D-01
Prop	osal caus	es no interference				

Analysis of Interference to Affected Station 9

NTSC Baseline Analysis

Channel Call City/State Application Ref. No.
12 WPRITV PROVIDENCE RI DTVPLN -NPLN0793

Stations Potentially Affecting This Station

Chan	Call	City/State	Di	st(km)	Status	Application	on Ref. No.
11	WWLP-DT	SPRINGFIELD MA	A	119.7	PLN	DTVPLN	-DTVP0084
11	WENHTV	DURHAM NH		144.5	PLN	DTVPLN	-NPLN0728
12	WTXX-DT	WATERBURY CT		149.5	PLN	DTVPLN	-DTVP0097
12	WHYYTV	WILMINGTON DE		389.8	PLN	DTVPLN	-NPLN0757
12	WMEBTV	ORONO ME		388.4	PLN	DTVPLN	-NPLN0769
12	WBNGTV	BINGHAMTON NY		386.4	PLN	DTVPLN	-NPLN0786
13	WNYT	ALBANY NY		217.7	PLN	DTVPLN	-NPLN0853
13	WPRI-DT	PROVIDENCE RI		0.0	PLN	DTVPLN	-DTVP0118

Results for: 12N RI PROVIDENCE DTVPLN NPLN0793 PLN

	POPULATION	AREA (sq km)
within Noise Limited Contour	6738613	28860.9
not affected by terrain losses	6403076	26990.1
lost to NTSC IX	626583	1324.8
lost to additional IX by ATV	163974	2412.8
lost to all IX	790557	3737.6

Analysis of current record

Channel Call City/State Application Ref. No. 12 WPRI-TV PROVIDENCE RI BLCT -1750

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	on Ref. No.
11	WWLP-DT	SPRINGFIELD MA	119.7	PLN	DTVPLN	-DTVP0084
11	WWLP	SPRINGFIELD MA	119.7	LIC	BLCDT	-20060619AAS
11	WENH-TV	DURHAM NH	144.5	LIC	BMLET	-19960516KH
12	WTXX-DT	WATERBURY CT	149.5	PLN	DTVPLN	-DTVP0097

12 WTXX WATERBURY CT 12 WHYY-TV WILMINGTON D 12 WMEB-TV ORONO ME 12 WNYT ALBANY NY 12 WNYT-DR ALBANY NY 12 WBNG-TV BINGHAMTON N 13 WNYT ALBANY NY 13 WPRI-TV PROVIDENCE R 13 WPRI-DT PROVIDENCE R 11 WENH-D11 DURHAM NH Total scenarios = 8	389.8 388.7 239.4 239.7 386.4 217.7	LIC BLET LIC BLET LIC BLCT LIC BPRN LIC BLCT	-19940707KE -19990525KH DT -20031022ABL -20000413AAC -19870821KE
Result key: 81 Scenario 1 Affected Before Analysis	l station 9		
Results for: 12N RI PROVIDE within Noise Limited Com not affected by terrain lost to NTSC IX lost to additional IX by lost to all IX Potential Interfering State	POPULATION atour 6738613 losses 6403076 2019 ATV 169298 171317	1750 AREA (sq km) 28860.9 26990.1 12.0 2452.9 2465.0 Sove Scenario	LIC
12N DE WILMINGTON 12N ME ORONO 11A MA SPRINGFIELD 12A CT WATERBURY 12A NY ALBANY	BLET 19940707 BLET 19990525 DTVPLN DTVP0084 DTVPLN DTVP0097 BLCDT 20031022	KH LIC PLN	
After Analysis			
Results for: 12N RI PROVIDE within Noise Limited Con not affected by terrain lost to NTSC IX lost to additional IX by lost to all IX	POPULATION atour 6738613 losses 6403076 2019	1750 AREA (sq km) 28860.9 26990.1 12.0 2481.0 2493.1	LIC
Potential Interfering Stat	ions Included in ab	ove Scenario	1
12N DE WILMINGTON 12N ME ORONO 11A MA SPRINGFIELD 12A CT WATERBURY 12A NY ALBANY 11A NH DURHAM *Percent new DTV interfere *Percent new DTV interfere		KH LIC PLN PLN ABL LIC APP	BLCT 1750 BLCT 1750

Result key: 82

Scenario 2 Affected	l station	. 9			
Before Analysis	. 2000101				
Results for: 12N RI PROVIDE	_	BLCT OPULATION A	1750 REA (sq km	LIC	
within Noise Limited Con		6738613	28860.9	,	
not affected by terrain	losses	6403076	26990.1		
lost to NTSC IX		2019	12.0		
lost to additional IX by	ATV		2452.9		
lost to all IX		172202	2465.0		
Potential Interfering Stat	ions Inc	luded in abov	e Scenario	2	
12N DE WILMINGTON	BLET	19940707KE	LIC		
12N ME ORONO	BLET	19990525КН	LIC		
11A MA SPRINGFIELD	DTVPLN				
12A CT WATERBURY		DTVP0097			
12A NY ALBANY	BPRM	20000413AA	C LIC		
After Analysis					
Results for: 12N RI PROVIDE	INCE	BLCT	1750	LIC	
	P	OPULATION A	REA (sq km)	
within Noise Limited Con	itour	6738613	28860.9		
not affected by terrain	losses	6403076	26990.1		
lost to NTSC IX		2019	12.0		
lost to additional IX by	7 ATV	176947	2481.0		
lost to all IX		178966	2493.1		
Potential Interfering Stat	ions Inc	luded in abov	e Scenario	2	
12N DE WILMINGTON	BLET	19940707KE	LIC		
12N ME ORONO	BLET	19990525КН	LIC		
11A MA SPRINGFIELD	DTVPLN				
12A CT WATERBURY	DTVPLN	DTVP0097	PLN		
12A NY ALBANY	BPRM	20000413AA	C LIC		
11A NH DURHAM	USERREC		APP		
*Percent new DTV interfere					1750
*Percent new DTV interfere	ence with	proposal:	2.6	BLCT	1750
Result key: 83					
Scenario 3 Affected	l station	. 9			
Before Analysis					
Results for: 12N RI PROVIDE	יאוכיבי	DI CT	1750	TTC	
MESULICS TOI. IZN KI PROVIDE		BLCT OPULATION A	REA (sq km	LIC	
within Noise Limited Con		6738613	28860.9	/	
not affected by terrain		6403076	26990.1		
lost to NTSC IX	_0000	2019	12.0		
lost to additional IX by	ATV	229464	3010.9		
lost to all IX	•	231483	3023.0		
					

Potential Interfering Stations Included in above Scenario 3

BLET

BLET

12N DE WILMINGTON

12N ME ORONO

77 EXHIBIT 4

19940707KE LIC

19990525KH LIC

11A MA SPRINGFIELD 12A CT WATERBURY 12A NY ALBANY	DTVPLN BMPCDT BLCDT	20040608AE			
After Analysis					
Results for: 12N RI PROVIDE		BLCT OPULATION A	1750 AREA (sq km)	LIC	
within Noise Limited Con not affected by terrain lost to NTSC IX lost to additional IX by lost to all IX	tour losses	6738613	28860.9 26990.1 12.0 3039.0 3051.1		
Potential Interfering Stat	ions Inc	luded in abov	ve Scenario	3	
12N DE WILMINGTON 12N ME ORONO 11A MA SPRINGFIELD 12A CT WATERBURY 12A NY ALBANY 11A NH DURHAM *Percent new DTV interfere *Percent new DTV interfere	BMPCDT BLCDT USERREC nce with	DTVP0084 20040608AE 20031022AE CORD01 Out proposal:	H LIC PLN BI CP BL LIC APP 3.4		1750 1750
Result key: 84 Scenario 4 Affected Before Analysis	station	. 9			
Results for: 12N RI PROVIDE		BLCT OPULATION A	1750 AREA (sq km)	LIC	
within Noise Limited Con not affected by terrain lost to NTSC IX lost to additional IX by lost to all IX	tour losses	6738613	28860.9 26990.1 12.0 3043.1 3055.1		
Potential Interfering Stat	ions Inc	luded in abov	ve Scenario	4	
12N DE WILMINGTON 12N ME ORONO 11A MA SPRINGFIELD 12A CT WATERBURY 12A NY ALBANY	BLET BLET DTVPLN BMPCDT BPRM	19940707KE 19990525KF DTVP0084 20040608AE 20000413AF	H LIC PLN BI CP		
After Analysis					
Results for: 12N RI PROVIDE within Noise Limited Con not affected by terrain lost to NTSC IX	tour losses	6738613 6403076 2019	1750 AREA (sq km) 28860.9 26990.1 12.0	LIC	
lost to additional IX by lost to all IX	ATV	238107 240126	3071.2 3083.2		
Potential Interfering Stat	ions Inc	luded in abov	ve Scenario	4	

12N DE WILMINGTON	BLET	19940707KE	LIC		
12N ME ORONO	BLET	19990525KH	LIC		
11A MA SPRINGFIELD	DTVPLN				
12A CT WATERBURY		20040608ABI			
12A NY ALBANY	BPRM				
11A NH DURHAM	USERRECO		APP		
*Percent new DTV interfere				BLCT	1750
*Percent new DTV interfere				BLCT	1750
Result key: 85					
Scenario 5 Affected	station	9			
Before Analysis					
Results for: 12N RI PROVIDE	NCE	BLCT	1750	LIC	
	PC	PULATION AR	EA (sq km))	
within Noise Limited Con	tour	6738613	28860.9		
not affected by terrain	losses	6403076	26990.1		
lost to NTSC IX		2019	12.0		
lost to additional IX by	ATV	169298	2452.9		
lost to all IX		171317	2465.0		
Debagain Ober			Q	г	
Potential Interfering Stat	ions inci	luded in above	Scenario	5	
12N DE WILMINGTON	BLET	19940707KE	LIC		
12N ME ORONO	BLET	19990525КН	LIC		
11A MA SPRINGFIELD	BLCDT	20060619AAS	LIC		
12A CT WATERBURY	DTVPLN	DTVP0097	PLN		
12A NY ALBANY	BLCDT				
After Analysis					
D 1 5 . 10N DT DD0117DT	NGE	DI GE	1850		
Results for: 12N RI PROVIDE		BLCT	1750	LIC	
within Noise Limited Con			EA (sq km) 28860.9)	
not affected by terrain			26990.1		
lost to NTSC IX	105565	2019	12.0		
lost to additional IX by	Δ Τ'\7	176062	2481.0		
lost to all IX	AIV	178081	2493.1		
				_	
Potential Interfering Stat	ions Incl	uded in above	Scenario	5	
12N DE WILMINGTON	BLET	19940707KE	LIC		
12N ME ORONO	BLET	19990525КН	LIC		
11A MA SPRINGFIELD	BLCDT	20060619AAS	LIC		
12A CT WATERBURY	DTVPLN	DTVP0097	PLN		
12A NY ALBANY	BLCDT	20031022ABL			
11A NH DURHAM	USERRECO		APP		
*Percent new DTV interfere			2.5	BLCT	1750
*Percent new DTV interfere	nce with	proposal:	2.6	BLCT	1750

Result key: 86
Scenario 6 Affected station 9
Before Analysis

D 1. C . 101 DT DD01177	ni GE	DI CE	1550	
Results for: 12N RI PROVIDE	_	BLCT PULATION	1750 AREA (sq km)	LIC
within Noise Limited Con		6738613	28860.9	
not affected by terrain	losses	6403076	26990.1	
lost to NTSC IX		2019	12.0	
lost to additional IX by	ATV	170298	2456.9	
lost to all IX		172317	2469.0	
Potential Interfering Stat	ions Incl	uded in abo	ve Scenario	6
12N DE WILMINGTON	BLET	19940707K	E LIC	
12N ME ORONO	BLET	19990525K	H LIC	
11A MA SPRINGFIELD	BLCDT			
12A CT WATERBURY		DTVP0097	PLN	
12A NY ALBANY	BPRM	20000413A	AC LIC	
After Analysis				
Results for: 12N RI PROVIDE	INCE	BLCT	1750	LIC
			AREA (sq km)	
within Noise Limited Con	itour	6738613	28860.9	
not affected by terrain	losses	6403076	26990.1	
lost to NTSC IX		2019	12.0	
lost to additional IX by	r ATV	177062	2485.0	
lost to all IX		179081	2497.1	
Potential Interfering Stat	ions Incl	uded in abo	ve Scenario	6
12N DE WILMINGTON	BLET	19940707к	E LIC	
12N ME ORONO	BLET	19990525K	H LIC	
11A MA SPRINGFIELD	BLCDT	20060619A	AS LIC	
12A CT WATERBURY	DTVPLN	DTVP0097	PLN	
12A NY ALBANY	BPRM	20000413A		
11A NH DURHAM	USERRECO		APP	
*Percent new DTV interfere *Percent new DTV interfere				
*Percent new DIV Interiere	ence with	proposal.	2.0	BLCT 1750
Result key: 87				
Scenario 7 Affected Before Analysis	l station	9		
Before Analysis				
Results for: 12N RI PROVIDE	INCE	BLCT	1750	LIC
		PULATION	AREA (sq km)	
within Noise Limited Con	ıtour	6738613	28860.9	
not affected by terrain	losses		26990.1	
lost to NTSC IX		2019	12.0	
lost to additional IX by	ATV			
lost to all IX		231535	3027.0	
Potential Interfering Stat	ions Incl	uded in abo	ve Scenario	7
12N DE WILMINGTON	BLET	19940707K	E LIC	
12N ME ORONO	BLET	19990525K		
11A MA SPRINGFIELD	BLCDT	20060619A		
12A CT WATERBURY	BMPCDT	20040608A	BI CP	
12A NY ALBANY	BLCDT	20031022A	BL LIC	

After Analysis

Results for: 12N RI PROVIDE within Noise Limited Con not affected by terrain lost to NTSC IX lost to additional IX by lost to all IX	tour losses	6738613	1750 AREA (sq km) 28860.9 26990.1 12.0 3043.1 3055.1	LIC	
Potential Interfering Stat	ions Inc	cluded in abo	ve Scenario	7	
12N DE WILMINGTON 12N ME ORONO 11A MA SPRINGFIELD 12A CT WATERBURY 12A NY ALBANY 11A NH DURHAM *Percent new DTV interfere *Percent new DTV interfere		20031022A CORD01 nout proposal	CH LIC AAS LIC ABI CP ABL LIC APP .: 3.4		750 750
Result key: 88 Scenario 8 Affected Before Analysis	station	n 9			
within Noise Limited Connot affected by terrain lost to NTSC IX lost to additional IX by lost to all IX	tour losses	6738613	1750 AREA (sq km) 28860.9 26990.1 12.0 3043.1 3055.1	LIC	
Potential Interfering Stat	ions Inc	cluded in abo	ove Scenario	8	
12N DE WILMINGTON 12N ME ORONO 11A MA SPRINGFIELD 12A CT WATERBURY 12A NY ALBANY	BLET BLET BLCDT BMPCDT BPRM	19940707K 19990525K 20060619A 20040608A 20000413A	CH LIC AAS LIC ABI CP		
After Analysis					
Results for: 12N RI PROVIDE within Noise Limited Con not affected by terrain lost to NTSC IX lost to additional IX by lost to all IX	tour losses	BLCT POPULATION 6738613 6403076 2019 238107 240126	1750 AREA (sq km) 28860.9 26990.1 12.0 3071.2 3083.2	LIC	
Potential Interfering Stat	ions Inc	cluded in abo	ove Scenario	8	
12N DE WILMINGTON 12N ME ORONO	BLET BLET	19940707K 19990525K	=		

11A MA SPRINGFIELD BLCDT 20060619AAS LIC 12A CT WATERBURY BMPCDT 20040608ABI CP BPRM 20000413AAC LIC 12A NY ALBANY USERRECORD01 11A NH DURHAM

*Percent new DTV interference without proposal: 3.4 BLCT 1750 *Percent new DTV interference with proposal: 3.5 BLCT 1750

Analysis of Interference to Affected Station 10

Analysis of current record

Channel Call City/State Application Ref. No. 11 WENH-D11 DURHAM NH USERRECORD-01

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	on Ref. No.
10	WWDP	NORWELL MA	130.2	APP	BPRM	-20060426AAW
10	WCBB	AUGUSTA ME	145.3	LIC	BMLET	-20020917AAU
10	WJAR	PROVIDENCE RI	145.8	LIC	BLCT	-2395
11	WWLP-DT	SPRINGFIELD MA	172.2	PLN	DTVPLN	-DTVP0084
11	WWLP	SPRINGFIELD MA	172.2	LIC	BLCDT	-20060619AAS
11	WPIX	NEW YORK NY	354.2	APP	BPCT	-20040212AAA
11	WPIX	NEW YORK NY	358.8	LIC	BLCT	-19810826КН
12	WTXX	WATERBURY CT	211.0	CP MOD	BMPCDT	-20040608ABI
12	WPRI-TV	PROVIDENCE RI	144.5	LIC	BLCT	-1750

Total scenarios = 4

Result key: 89
Scenario 1 Affected station 10

Before Analysis

Results for: 11A NH DURHAM USERRECORD01 APP

HAAT 305.0 m, ATV ERP 16.0 kW

POPULATION AREA (sq km) within Noise Limited Contour 4153590 27971.6 not affected by terrain losses 4021494 25774.7 lost to NTSC IX 2305 44.3 21877 lost to additional IX by ATV 112.7 lost to ATV IX only 23513 144.8 lost to all IX 24182 156.9

Potential Interfering Stations Included in above Scenario

11N NY NEW YORK BLCT 19810826KH LIC DTVPLN 11A MA SPRINGFIELD DTVP0084 PLN

Result key: 90

Scenario 2 Affected station 10

Before Analysis

Results for: 11A NH DURHAM HAAT 305.0 m, ATV ERP			CORD01	APP
	P	OPULATION	AREA (sq km)	
within Noise Limited Con				
lost to NTSC IX		2305	44.3	
lost to additional IX by	ATV	18586	124.7	
lost to ATV IX only		20222	156.9	
not affected by terrain lost to NTSC IX lost to additional IX by lost to ATV IX only lost to all IX		20891	169.0	
Potential Interfering Stat	ions Inc	luded in abo	ve Scenario	2
11N NY NEW YORK	BLCT	19810826K	H LIC	
11A MA SPRINGFIELD	BLCDT	20060619A	AS LIC	
Result key: 91				
Result key: 91 Scenario 3 Affected Before Analysis	station	10		
Results for: 11A NH DURHAM		USERRE	CORD01	APP
HAAT 305.0 m, ATV ERP				
,			AREA (sq km)	
within Noise Limited Con				
not affected by terrain	losses	4021494	25774.7	
not affected by terrain lost to NTSC IX		8553	68.4	
lost to NTSC IX lost to additional IX by lost to ATV IX only	ATV	21158	88.5	
lost to ATV IX only		23513	144.8	
lost to all IX		29711	156.9	
1000 00 011 12		20111	130.9	
Potential Interfering Stat	ions Inc	luded in abo	ve Scenario	3
11n ny new york	RDCT	20040212A	ΔΔ ΔDD	
11A MA SPRINGFIELD	DTVPLN	DTVP0084	PI.N	
		21110001	1 111	
Result key: 92				
Scenario 4 Affected	station	10		
Before Analysis				
Results for: 11A NH DURHAM		USERRE	CORD01	APP
HAAT 305.0 m, ATV ERP			0011201	
			AREA (sq km)	
within Noise Limited Con			27971.6	
not affected by terrain			25774.7	
lost to NTSC IX	TOBBCB	8553	68.4	
lost to additional IX by	Δ Τ'\7	17867		
lost to ATV IX only	111 V	20222		
lost to all IX		26420		
iose to air ix		20420	100.0	
Potential Interfering Stat	ions Inc	luded in abo	ve Scenario	4
11N NY NEW YORK	BPCT	20040212A	AA APP	
	BLCDT			
TILL PRI OFFICIACE TERMS	21021	2000001JA	110 110	
***************************************	#######	###########	###########	+##########

FINISHED FINISHED FINISHED FINISHED FINISHED

Final DTV TOA Azimuth Pattern

Pre-Rotation Antenna Pattern....

Azimuth (deg)	Effective Field
Azimuth (deg) 0.0 10.0 20.0 30.0 40.0 50.0 60.0 70.0 80.0 90.0 100.0 110.0 120.0 130.0 140.0 150.0 160.0 170.0 180.0 190.0 200.0 210.0 220.0 230.0 240.0 250.0 260.0 270.0 280.0 290.0 300.0 310.0	Effective Field 0.847 0.891 0.941 0.979 0.993 0.979 0.941 0.891 0.847 0.826 0.836 0.875 0.929 0.976 0.999 0.987 0.936 0.657 0.766 0.686 0.632 0.606 0.599 0.606 0.599 0.606 0.599 0.606 0.632 0.606 0.599 0.606 0.599 0.606 0.632 0.686 0.766 0.857 0.936 0.987 0.999 0.976
320.0 330.0 340.0 350.0	0.929 0.875 0.836 0.826

